

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017862.D
 Acq On : 05 Apr 2024 11:19
 Operator : SY/MD
 Sample : VY0405SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0405SBS01

Quant Time: Apr 06 04:45:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/08/2024
 Supervised By :Semsettin Yesilyurt 04/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	139485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	222114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	190443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	86828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	63999	53.023	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.040%			
35) Dibromofluoromethane	7.722	113	67748	52.785	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.560%			
50) Toluene-d8	10.185	98	260074	54.246	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.500%			
62) 4-Bromofluorobenzene	12.489	95	73940	50.690	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21652	23.211	ug/l	100
3) Chloromethane	2.119	50	34196	18.782	ug/l	97
4) Vinyl Chloride	2.253	62	52406	22.025	ug/l	97
5) Bromomethane	2.656	94	48622	25.273	ug/l	99
6) Chloroethane	2.796	64	39855	25.673	ug/l	99
7) Trichlorofluoromethane	3.125	101	47841	20.618	ug/l	99
8) Diethyl Ether	3.534	74	12389	18.177	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.905	101	29382	21.115	ug/l	97
10) Methyl Iodide	4.101	142	26150	17.281	ug/l	100
11) Tert butyl alcohol	4.954	59	9216	85.153	ug/l #	97
12) 1,1-Dichloroethene	3.875	96	23997	18.429	ug/l	93
13) Acrolein	3.735	56	7311	86.456	ug/l	95
14) Allyl chloride	4.485	41	27677	17.325	ug/l	89
15) Acrylonitrile	5.173	53	24266	84.342	ug/l	98
16) Acetone	3.954	43	20379	81.680	ug/l	90
17) Carbon Disulfide	4.204	76	53391	14.489	ug/l	99
18) Methyl Acetate	4.479	43	9547	17.276	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	55537	18.627	ug/l	99
20) Methylene Chloride	4.722	84	34358	20.929	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	26264	18.849	ug/l	94
22) Diisopropyl ether	6.125	45	69406	18.797	ug/l #	93
23) Vinyl Acetate	6.064	43	192105	85.214	ug/l	99
24) 1,1-Dichloroethane	6.021	63	49057	20.018	ug/l	98
25) 2-Butanone	6.990	43	28706	80.764	ug/l	98
26) 2,2-Dichloropropane	6.984	77	43367	20.488	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	32857	19.952	ug/l	98
28) Bromochloromethane	7.338	49	18999	19.064	ug/l	95
29) Tetrahydrofuran	7.350	42	17434	81.747	ug/l	97
30) Chloroform	7.508	83	53506	21.043	ug/l	99
31) Cyclohexane	7.789	56	36580	17.203	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	45931	21.223	ug/l	96
36) 1,1-Dichloropropene	7.923	75	34990	18.684	ug/l	97
37) Ethyl Acetate	7.076	43	13767	17.035	ug/l	98
38) Carbon Tetrachloride	7.905	117	39567	20.353	ug/l	98
39) Methylcyclohexane	9.191	83	40541	17.331	ug/l	94
40) Benzene	8.167	78	112093	19.423	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/08/2024
 Supervised By :Semsettin Yesilyurt 04/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	7429m	18.179	ug/l	
42) 1,2-Dichloroethane	8.240	62	27998	19.710	ug/l	99
43) Isopropyl Acetate	8.277	43	24574	16.756	ug/l #	86
44) Trichloroethene	8.947	130	28762	19.155	ug/l	99
45) 1,2-Dichloropropane	9.222	63	25335	18.892	ug/l	97
46) Dibromomethane	9.313	93	13961	18.324	ug/l	99
47) Bromodichloromethane	9.502	83	39661	20.602	ug/l	98
48) Methyl methacrylate	9.295	41	10234	18.284	ug/l #	89
49) 1,4-Dioxane	9.313	88	2869	335.432	ug/l #	93
51) 4-Methyl-2-Pentanone	10.075	43	65186	97.252	ug/l	97
52) Toluene	10.252	92	70007	19.998	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	31524	18.442	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	39277	18.827	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	19713	19.418	ug/l	97
56) Ethyl methacrylate	10.514	69	21797	19.576	ug/l	96
57) 1,3-Dichloropropane	10.794	76	32459	18.904	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	63756	109.438	ug/l	98
59) 2-Hexanone	10.837	43	43309	93.675	ug/l	95
60) Dibromochloromethane	10.990	129	24780	19.353	ug/l	98
61) 1,2-Dibromoethane	11.093	107	17347	18.739	ug/l	100
64) Tetrachloroethene	10.727	164	32840	19.771	ug/l	95
65) Chlorobenzene	11.520	112	76867	19.676	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.599	131	26653	20.093	ug/l	98
67) Ethyl Benzene	11.599	91	129203	19.239	ug/l	99
68) m/p-Xylenes	11.709	106	98280	38.588	ug/l	98
69) o-Xylene	12.038	106	45935	23.261	ug/l	100
70) Styrene	12.050	104	74590	22.152	ug/l	100
71) Bromoform	12.215	173	13214	17.971	ug/l #	98
73) Isopropylbenzene	12.337	105	122353	20.108	ug/l	99
74) N-amyl acetate	12.148	43	19124	18.568	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	19609	18.629	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	14777m	18.676	ug/l	
77) Bromobenzene	12.617	156	27886	19.242	ug/l	98
78) n-propylbenzene	12.678	91	150893	20.323	ug/l	100
79) 2-Chlorotoluene	12.764	91	82120	20.192	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	95660	20.144	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	6040	19.606	ug/l	91
82) 4-Chlorotoluene	12.861	91	83572	19.845	ug/l	100
83) tert-Butylbenzene	13.081	119	86814	20.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	93934	19.861	ug/l	99
85) sec-Butylbenzene	13.257	105	134949	20.825	ug/l	100
86) p-Isopropyltoluene	13.373	119	106336	19.632	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	55660	19.356	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	54755	19.893	ug/l	98
89) n-Butylbenzene	13.702	91	99259	19.918	ug/l	97
90) Hexachloroethane	13.965	117	21958	20.387	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	46322	19.433	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2252	15.833	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	21843	16.730	ug/l	98
94) Hexachlorobutadiene	15.117	225	14838	18.748	ug/l	96
95) Naphthalene	15.245	128	32537	17.920	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	18153	16.460	ug/l	97

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Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Reviewed By :Mahesh Dadoda 04/08/2024
Supervised By :Semsettin Yesilyurt 04/08/2024

Abundance

TIC: VY017862.D\data.ms

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

460000
440000
420000
400000
380000
360000
340000
320000
300000
280000
260000
240000
220000
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0

Chlorodifluoromethane, T
Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
Acetone, T
Methyl Chloride, T
Methyl Carbon Disulfide, T
Methyl Acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acetonitrile, T
Methyl 2-Dichloroethane, T
1,1-Dichloroethane, T
Isopropyl Alcohol, T
Ethyl Acetate, T
Methoxychloromethane, T
Chloroform, C
1,2-Dichloroethane, T
Isopropyl Chloride, T
1,1,1-Trichloroethane, TM
Trichloroethene, TM
Methyl 2-Dichloroethane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-Pentanone, T
Toluene, CM
Ethyl methyl 2-Dichloropropene, T
1,1,2-Trichloroethane, T
1,3-Dichloroethane, T
Dibromochloromethane, T
1,2-Dibromoethane, T
Chlorobenzene, PM
Ethyl 2-Dichloroethane, T
Bromobenzene, T
Styrene, T
o-Xylene, T
Isopropylbenzene, T
n-Propylbenzene, T
p-Propylbenzene, T
4-Timethylbenzene, T
sec-Butylbenzene, T
1,4-Dichlorobenzene, T
n-Butylbenzene, T
1,2-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
Naphthalene, T
1,2,3-Trichlorobenzene, T
1,2,4-Trichlorobenzene, T
Hexachlorobutadiene, T