

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018017.D
 Acq On : 23 Apr 2024 10:25
 Operator : SY/MD
 Sample : VY0423SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0423SBS01

Quant Time: Apr 24 01:11:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/24/2024
 Supervised By :Semsettin Yesilyurt 04/24/2024

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	355384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	554783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	473835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	217361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	132861	43.201	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.400%		
35) Dibromofluoromethane	7.716	113	151949	44.395	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.780%		
50) Toluene-d8	10.185	98	605608	46.631	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.260%		
62) 4-Bromofluorobenzene	12.483	95	175387	43.605	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	62609	22.207	ug/l	99
3) Chloromethane	2.113	50	95041	20.344	ug/l	97
4) Vinyl Chloride	2.253	62	107138	20.347	ug/l	100
5) Bromomethane	2.650	94	73521	20.977	ug/l	98
6) Chloroethane	2.796	64	66465	19.994	ug/l	97
7) Trichlorofluoromethane	3.125	101	129491	21.821	ug/l	99
8) Diethyl Ether	3.534	74	36620	19.529	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	83439	22.579	ug/l	98
10) Methyl Iodide	4.094	142	100564	20.455	ug/l	99
11) Tert butyl alcohol	4.954	59	19551	78.806	ug/l #	83
12) 1,1-Dichloroethene	3.875	96	79446	22.146	ug/l	99
13) Acrolein	3.729	56	29128	121.612	ug/l	96
14) Allyl chloride	4.485	41	102514	22.081	ug/l	94
15) Acrylonitrile	5.161	53	72882	95.725	ug/l	100
16) Acetone	3.948	43	51767	85.190	ug/l	90
17) Carbon Disulfide	4.198	76	232937	20.411	ug/l	100
18) Methyl Acetate	4.485	43	28643	17.918	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	146913	18.791	ug/l	99
20) Methylene Chloride	4.716	84	87384	21.226	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	82424	20.973	ug/l	95
22) Diisopropyl ether	6.118	45	227580	22.361	ug/l	95
23) Vinyl Acetate	6.064	43	602887	99.894	ug/l	95
24) 1,1-Dichloroethane	6.021	63	146475	22.042	ug/l	99
25) 2-Butanone	6.984	43	81556	91.309	ug/l	91
26) 2,2-Dichloropropane	6.978	77	118603	22.246	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	91915	20.479	ug/l	96
28) Bromochloromethane	7.338	49	57069	21.832	ug/l	89
29) Tetrahydrofuran	7.350	42	52216	92.122	ug/l	91
30) Chloroform	7.508	83	143792	21.172	ug/l	99
31) Cyclohexane	7.789	56	125303	21.316	ug/l	98
32) 1,1,1-Trichloroethane	7.703	97	122260	21.614	ug/l	97
36) 1,1-Dichloropropene	7.923	75	107742	21.645	ug/l	98
37) Ethyl Acetate	7.076	43	38689	18.892	ug/l	98
38) Carbon Tetrachloride	7.905	117	108055	21.487	ug/l	99
39) Methylcyclohexane	9.185	83	131940	20.341	ug/l	92
40) Benzene	8.161	78	336927	21.610	ug/l	100

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Reviewed By :Mahesh Dadoda 04/24/2024
 Supervised By :Semsettin Yesilyurt 04/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	23961m	18.543	ug/l	
42) 1,2-Dichloroethane	8.240	62	72381	20.261	ug/l	99
43) Isopropyl Acetate	8.277	43	71008	18.601	ug/l	97
44) Trichloroethene	8.947	130	83923	21.182	ug/l	97
45) 1,2-Dichloropropane	9.222	63	78791	21.953	ug/l	100
46) Dibromomethane	9.307	93	38935	19.612	ug/l	99
47) Bromodichloromethane	9.496	83	104157	20.912	ug/l	99
48) Methyl methacrylate	9.295	41	32230	18.425	ug/l	92
49) 1,4-Dioxane	9.307	88	7570	334.019	ug/l #	83
51) 4-Methyl-2-Pentanone	10.075	43	185065	91.449	ug/l	96
52) Toluene	10.246	92	203974	21.320	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	89151	19.607	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	115367	20.654	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	53213	19.718	ug/l	95
56) Ethyl methacrylate	10.514	69	61532	17.490	ug/l	94
57) 1,3-Dichloropropane	10.794	76	90493	19.803	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	148561	81.235	ug/l	97
59) 2-Hexanone	10.837	43	124354	90.018	ug/l	94
60) Dibromochloromethane	10.989	129	66674	19.223	ug/l	100
61) 1,2-Dibromoethane	11.093	107	46802	18.609	ug/l	97
64) Tetrachloroethene	10.721	164	71726	21.131	ug/l	98
65) Chlorobenzene	11.520	112	220556	21.238	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	71861	20.985	ug/l	99
67) Ethyl Benzene	11.593	91	376772	21.547	ug/l	99
68) m/p-Xylenes	11.709	106	289956	43.174	ug/l	99
69) o-Xylene	12.032	106	131456	20.960	ug/l	98
70) Styrene	12.050	104	221472	20.893	ug/l	99
71) Bromoform	12.209	173	35867	18.129	ug/l #	98
73) Isopropylbenzene	12.331	105	350067	22.103	ug/l	100
74) N-amyl acetate	12.148	43	59873	18.727	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	57751	19.551	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	36312m	17.803	ug/l	
77) Bromobenzene	12.611	156	80096	20.897	ug/l	99
78) n-propylbenzene	12.672	91	438512	22.819	ug/l	100
79) 2-Chlorotoluene	12.757	91	239896	22.303	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	277466	22.093	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	19324	19.534	ug/l	99
82) 4-Chlorotoluene	12.861	91	242268	21.748	ug/l	99
83) tert-Butylbenzene	13.081	119	257596	22.457	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	275333	22.015	ug/l	99
85) sec-Butylbenzene	13.257	105	387304	22.480	ug/l	100
86) p-Isopropyltoluene	13.373	119	310280	21.917	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	157952	20.770	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	155559	20.837	ug/l	99
89) n-Butylbenzene	13.702	91	293940	22.070	ug/l	98
90) Hexachloroethane	13.965	117	63315	21.811	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	132837	20.247	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6916	18.202	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	68788	18.004	ug/l	99
94) Hexachlorobutadiene	15.117	225	45679	20.154	ug/l	99
95) Naphthalene	15.239	128	100040	15.889	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	55671	17.365	ug/l	99

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

