

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017689.D
 Acq On : 18 Mar 2024 15:24
 Operator : SY/MD
 Sample : VY0318SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Quant Time: Mar 19 04:08:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
 Supervised By :Semsettin Yesilyurt 03/19/2024

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	145578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	206416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	58667	42.522	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.040%		
35) Dibromofluoromethane	7.716	113	68565	41.813	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.620%		
50) Toluene-d8	10.185	98	255661	44.592	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.180%		
62) 4-Bromofluorobenzene	12.483	95	77387	42.949	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	85.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18991	17.685	ug/l	100
3) Chloromethane	2.113	50	37485	19.105	ug/l	97
4) Vinyl Chloride	2.253	62	49167	19.533	ug/l	99
5) Bromomethane	2.650	94	42465	20.702	ug/l	99
6) Chloroethane	2.796	64	33059	20.819	ug/l	97
7) Trichlorofluoromethane	3.125	101	48500	18.905	ug/l	97
8) Diethyl Ether	3.534	74	14376	19.106	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	29578	20.044	ug/l	99
10) Methyl Iodide	4.095	142	30573	18.461	ug/l	99
11) Tert butyl alcohol	4.948	59	9135	77.946	ug/l #	85
12) 1,1-Dichloroethene	3.875	96	26716	19.427	ug/l	95
13) Acrolein	3.735	56	11073	71.607	ug/l	99
14) Allyl chloride	4.479	41	31959	19.233	ug/l	98
15) Acrylonitrile	5.161	53	28692	92.759	ug/l	99
16) Acetone	3.948	43	26368	98.534	ug/l	94
17) Carbon Disulfide	4.198	76	78897	19.114	ug/l	100
18) Methyl Acetate	4.479	43	10929	16.834	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	61041	19.043	ug/l	98
20) Methylene Chloride	4.716	84	34492	18.486	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	31616	19.635	ug/l	93
22) Diisopropyl ether	6.125	45	79080	20.624	ug/l	96
23) Vinyl Acetate	6.064	43	223593	97.856	ug/l	99
24) 1,1-Dichloroethane	6.021	63	53601	20.461	ug/l	99
25) 2-Butanone	6.984	43	37101	97.284	ug/l	99
26) 2,2-Dichloropropane	6.990	77	44809	20.345	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	36189	20.017	ug/l	100
28) Bromochloromethane	7.332	49	18056	17.501	ug/l	99
29) Tetrahydrofuran	7.350	42	20344	88.494	ug/l	99
30) Chloroform	7.509	83	57829	20.734	ug/l	96
31) Cyclohexane	7.789	56	44005	19.599	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	48690	20.108	ug/l	99
36) 1,1-Dichloropropene	7.923	75	42816	19.352	ug/l	99
37) Ethyl Acetate	7.076	43	15148	17.335	ug/l #	97
38) Carbon Tetrachloride	7.905	117	43295	19.525	ug/l	98
39) Methylcyclohexane	9.185	83	49572	18.644	ug/l	98
40) Benzene	8.161	78	130407	19.848	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	9167m	20.905	ug/l	
42) 1,2-Dichloroethane	8.240	62	31101	19.401	ug/l	98
43) Isopropyl Acetate	8.277	43	27355	17.814	ug/l	97
44) Trichloroethene	8.941	130	36287	19.161	ug/l	98
45) 1,2-Dichloropropane	9.216	63	30516	19.522	ug/l	95
46) Dibromomethane	9.307	93	17096	19.110	ug/l	100
47) Bromodichloromethane	9.496	83	43017	19.803	ug/l	97
48) Methyl methacrylate	9.295	41	12798	18.006	ug/l	97
49) 1,4-Dioxane	9.301	88	3423	338.089	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	74133	86.623	ug/l	100
52) Toluene	10.246	92	81654	19.713	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	38004	18.849	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	47591	19.426	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	23532	18.526	ug/l	94
56) Ethyl methacrylate	10.514	69	25489	18.021	ug/l	98
57) 1,3-Dichloropropane	10.795	76	38622	18.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	65122	88.847	ug/l	100
59) 2-Hexanone	10.837	43	52291	88.954	ug/l	99
60) Dibromochloromethane	10.990	129	28014	18.643	ug/l	99
61) 1,2-Dibromoethane	11.093	107	21572	18.429	ug/l	100
64) Tetrachloroethene	10.721	164	37098	18.725	ug/l	97
65) Chlorobenzene	11.520	112	85500	19.515	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	31215	19.017	ug/l	100
67) Ethyl Benzene	11.593	91	146335	19.045	ug/l	98
68) m/p-Xylenes	11.703	106	117924	39.057	ug/l	98
69) o-Xylene	12.032	106	53096	18.956	ug/l	99
70) Styrene	12.050	104	88220	18.974	ug/l	99
71) Bromoform	12.209	173	16196	17.806	ug/l #	98
73) Isopropylbenzene	12.337	105	141165	20.106	ug/l	99
74) N-amyl acetate	12.148	43	23466	18.950	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	24250	20.113	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	16701m	18.599	ug/l	
77) Bromobenzene	12.611	156	33838	19.901	ug/l	96
78) n-propylbenzene	12.678	91	174481	20.711	ug/l	99
79) 2-Chlorotoluene	12.764	91	95901	20.332	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	113861	20.242	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	7332	18.762	ug/l	94
82) 4-Chlorotoluene	12.861	91	100413	20.813	ug/l	99
83) tert-Butylbenzene	13.081	119	99672	20.178	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	112392	20.239	ug/l	100
85) sec-Butylbenzene	13.258	105	154623	20.475	ug/l	99
86) p-Isopropyltoluene	13.373	119	125906	20.366	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	66544	19.498	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	65456	19.727	ug/l	100
89) n-Butylbenzene	13.703	91	114608	20.319	ug/l	99
90) Hexachloroethane	13.965	117	25561	20.624	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	56818	19.682	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2748	16.212	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	29630	19.432	ug/l	97
94) Hexachlorobutadiene	15.117	225	19425	20.633	ug/l	98
95) Naphthalene	15.245	128	43504	17.486	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	24298	18.575	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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