

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
 Data File : VY018650.D
 Acq On : 20 Jun 2024 12:23
 Operator : SY/MD
 Sample : VY0620SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0620SBS01

Quant Time: Jun 21 01:04:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/21/2024
 Supervised By :Semsettin Yesilyurt 06/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.776	168	144855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	239400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	210342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	68420	46.915	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.820%		
35) Dibromofluoromethane	7.703	113	72447	49.608	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.220%		
50) Toluene-d8	10.172	98	277904	49.483	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.960%		
62) 4-Bromofluorobenzene	12.477	95	86860	48.979	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.893	85	16541	17.338	ug/l	94
3) Chloromethane	2.101	50	31897	16.233	ug/l	96
4) Vinyl Chloride	2.241	62	36570	15.028	ug/l	99
5) Bromomethane	2.631	94	30417	16.817	ug/l	97
6) Chloroethane	2.777	64	26092	16.368	ug/l	95
7) Trichlorofluoromethane	3.100	101	51356	19.599	ug/l	95
8) Diethyl Ether	3.515	74	13848	18.534	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.875	101	27336	19.966	ug/l	98
10) Methyl Iodide	4.070	142	23205	14.517	ug/l #	93
11) Tert butyl alcohol	4.948	59	10875	41.456	ug/l #	88
12) 1,1-Dichloroethene	3.850	96	24100	17.516	ug/l	96
13) Acrolein	3.716	56	6520	77.309	ug/l	89
14) Allyl chloride	4.454	41	32542	17.544	ug/l	97
15) Acrylonitrile	5.143	53	30310	91.191	ug/l	97
16) Acetone	3.936	43	25858	87.149	ug/l #	79
17) Carbon Disulfide	4.173	76	48040	13.220	ug/l	99
18) Methyl Acetate	4.466	43	13546	17.999	ug/l	97
19) Methyl tert-butyl Ether	5.198	73	68919	18.778	ug/l	96
20) Methylene Chloride	4.692	84	39373	15.317	ug/l	93
21) trans-1,2-Dichloroethene	5.191	96	26472	16.901	ug/l	93
22) Diisopropyl ether	6.106	45	77940	18.612	ug/l	95
23) Vinyl Acetate	6.039	43	239975	74.934	ug/l	97
24) 1,1-Dichloroethane	5.996	63	49642	18.401	ug/l	99
25) 2-Butanone	6.972	43	40307	90.627	ug/l #	83
26) 2,2-Dichloropropane	6.959	77	38594	16.980	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	34295	18.127	ug/l	99
28) Bromochloromethane	7.319	49	21224	19.194	ug/l	94
29) Tetrahydrofuran	7.337	42	25069	91.848	ug/l	99
30) Chloroform	7.490	83	55215	18.780	ug/l	99
31) Cyclohexane	7.770	56	39050	17.480	ug/l	96
32) 1,1,1-Trichloroethane	7.685	97	46448	18.596	ug/l	98
36) 1,1-Dichloropropene	7.904	75	36874	18.344	ug/l	97
37) Ethyl Acetate	7.063	43	17730	18.711	ug/l #	94
38) Carbon Tetrachloride	7.886	117	39647	18.800	ug/l	94
39) Methylcyclohexane	9.172	83	44710	18.152	ug/l	99
40) Benzene	8.148	78	113422	18.245	ug/l	98

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41) Methacrylonitrile	7.301	41	8916	18.708	ug/l	95
42) 1,2-Dichloroethane	8.227	62	30201	18.621	ug/l	99
43) Isopropyl Acetate	8.264	43	33737	19.075	ug/l #	83
44) Trichloroethene	8.929	130	31145	19.135	ug/l	99
45) 1,2-Dichloropropane	9.209	63	26384	18.560	ug/l	98
46) Dibromomethane	9.294	93	17405	19.733	ug/l	95
47) Bromodichloromethane	9.489	83	41413	19.672	ug/l	99
48) Methyl methacrylate	9.288	41	14986	18.821	ug/l	94
49) 1,4-Dioxane	9.288	88	4235	365.076	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	91846	98.587	ug/l	96
52) Toluene	10.239	92	74385	18.636	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	34481	18.743	ug/l	100
54) cis-1,3-Dichloropropene	9.922	75	41495	18.691	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	24171	20.603	ug/l	93
56) Ethyl methacrylate	10.508	69	29435	19.174	ug/l #	92
57) 1,3-Dichloropropane	10.782	76	37634	19.311	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	71631	96.653	ug/l	95
59) 2-Hexanone	10.825	43	62563	95.872	ug/l	99
60) Dibromochloromethane	10.977	129	28167	19.328	ug/l	96
61) 1,2-Dibromoethane	11.087	107	21536	19.863	ug/l	99
64) Tetrachloroethene	10.715	164	31243	20.825	ug/l	91
65) Chlorobenzene	11.513	112	83910	19.311	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	28825	19.796	ug/l	99
67) Ethyl Benzene	11.587	91	145854	19.345	ug/l	100
68) m/p-Xylenes	11.696	106	110491	37.662	ug/l	98
69) o-Xylene	12.026	106	53549	18.981	ug/l	99
70) Styrene	12.038	104	91899	19.718	ug/l	100
71) Bromoform	12.202	173	15752	19.715	ug/l #	96
73) Isopropylbenzene	12.324	105	141082	19.242	ug/l	100
74) N-amyl acetate	12.141	43	30228	20.133	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.580	83	26686	20.498	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	16832m	17.871	ug/l	
77) Bromobenzene	12.605	156	32832	19.363	ug/l	99
78) n-propylbenzene	12.666	91	170267	19.843	ug/l	99
79) 2-Chlorotoluene	12.751	91	94786	19.569	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	115010	19.792	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	7235	20.121	ug/l	88
82) 4-Chlorotoluene	12.849	91	96182	19.719	ug/l	99
83) tert-Butylbenzene	13.074	119	107981	20.078	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	113605	19.560	ug/l	100
85) sec-Butylbenzene	13.251	105	157071	20.477	ug/l	99
86) p-Isopropyltoluene	13.367	119	128651	19.783	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	67110	19.622	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	67702	20.173	ug/l	99
89) n-Butylbenzene	13.690	91	121893	20.796	ug/l	99
90) Hexachloroethane	13.958	117	24179	20.468	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	60020	20.544	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.348	75	3779	20.046	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	33802	20.767	ug/l	98
94) Hexachlorobutadiene	15.104	225	18419	22.024	ug/l	96
95) Naphthalene	15.232	128	62939	20.692	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	29780	21.654	ug/l	97

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

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