

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018785.D
 Acq On : 12 Jul 2024 09:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/15/2024
 Supervised By :Semsettin Yesilyurt 07/15/2024

Quant Time: Jul 12 23:31:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	114312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	186180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	159937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	58898	52.361	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.720%			
35) Dibromofluoromethane	7.710	113	60980	52.295	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.580%			
50) Toluene-d8	10.179	98	223273	50.539	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.080%			
62) 4-Bromofluorobenzene	12.483	95	75237	49.869	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	43524	45.439	ug/l	99
3) Chloromethane	2.107	50	60333	41.449	ug/l	97
4) Vinyl Chloride	2.241	62	76951	45.193	ug/l	99
5) Bromomethane	2.643	94	53692	45.842	ug/l	97
6) Chloroethane	2.784	64	51206	46.289	ug/l	97
7) Trichlorofluoromethane	3.113	101	98960	44.476	ug/l	91
8) Diethyl Ether	3.515	74	25755	47.491	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	52212	45.736	ug/l	96
10) Methyl Iodide	4.076	142	64397	52.384	ug/l	93
11) Tert butyl alcohol	4.942	59	16787	147.321	ug/l #	78
12) 1,1-Dichloroethene	3.857	96	50282	45.529	ug/l	93
13) Acrolein	3.716	56	22626	247.837	ug/l	98
14) Allyl chloride	4.466	41	62747	45.861	ug/l	91
15) Acrylonitrile	5.149	53	52344	244.666	ug/l	96
16) Acetone	3.936	43	63825	307.768	ug/l	95
17) Carbon Disulfide	4.180	76	142706	46.147	ug/l	96
18) Methyl Acetate	4.466	43	27632	45.857	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	122337	47.751	ug/l	100
20) Methylene Chloride	4.698	84	59484	50.720	ug/l	94
21) trans-1,2-Dichloroethene	5.204	96	54858	47.063	ug/l	97
22) Diisopropyl ether	6.106	45	140785	47.304	ug/l	93
23) Vinyl Acetate	6.045	43	561858	239.627	ug/l	100
24) 1,1-Dichloroethane	6.003	63	88502	46.575	ug/l	98
25) 2-Butanone	6.972	43	79519	273.553	ug/l	91
26) 2,2-Dichloropropane	6.966	77	80673	45.756	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	62519	46.069	ug/l	96
28) Bromochloromethane	7.326	49	38152	49.989	ug/l	95
29) Tetrahydrofuran	7.338	42	41917	235.211	ug/l	96
30) Chloroform	7.496	83	101701	48.022	ug/l	99
31) Cyclohexane	7.777	56	75118	43.468	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	92997	47.223	ug/l	99
36) 1,1-Dichloropropene	7.911	75	68797	42.752	ug/l	100
37) Ethyl Acetate	7.063	43	30134	45.050	ug/l	98
38) Carbon Tetrachloride	7.893	117	86383	44.569	ug/l	96
39) Methylcyclohexane	9.179	83	93364	45.273	ug/l	97
40) Benzene	8.155	78	209989	44.982	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	13958m	36.601	ug/l	
42) 1,2-Dichloroethane	8.228	62	59165	45.267	ug/l	97
43) Isopropyl Acetate	8.264	43	58488	43.944	ug/l	96
44) Trichloroethene	8.935	130	59583	44.651	ug/l	98
45) 1,2-Dichloropropane	9.209	63	44559	43.833	ug/l	97
46) Dibromomethane	9.301	93	30406	46.145	ug/l	99
47) Bromodichloromethane	9.490	83	75726	46.003	ug/l	98
48) Methyl methacrylate	9.289	41	26980	44.597	ug/l #	87
49) 1,4-Dioxane	9.295	88	6898	893.056	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	154191	226.904	ug/l	93
52) Toluene	10.240	92	137441	44.296	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	65956	46.407	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	77676	46.587	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	38399	46.020	ug/l	98
56) Ethyl methacrylate	10.508	69	50942	46.372	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	64545	46.664	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	102712	195.705	ug/l	93
59) 2-Hexanone	10.831	43	119064	250.447	ug/l	92
60) Dibromochloromethane	10.983	129	53478	46.646	ug/l	98
61) 1,2-Dibromoethane	11.087	107	37642	46.403	ug/l	97
64) Tetrachloroethene	10.715	164	59481	45.947	ug/l	98
65) Chlorobenzene	11.514	112	153478	45.490	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	54724	47.077	ug/l	95
67) Ethyl Benzene	11.593	91	264968	44.830	ug/l	96
68) m/p-Xylenes	11.703	106	207786	89.587	ug/l	97
69) o-Xylene	12.026	106	99548	45.653	ug/l	99
70) Styrene	12.044	104	165971	45.617	ug/l	97
71) Bromoform	12.209	173	29866	47.136	ug/l #	98
73) Isopropylbenzene	12.331	105	262204	45.678	ug/l	98
74) N-amyl acetate	12.142	43	54004	46.002	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	41099	45.417	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	30951m	50.383	ug/l	
77) Bromobenzene	12.611	156	61177	44.642	ug/l	94
78) n-propylbenzene	12.672	91	301441	44.221	ug/l	97
79) 2-Chlorotoluene	12.758	91	171547	44.755	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	212675	45.281	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	12750	46.451	ug/l #	84
82) 4-Chlorotoluene	12.855	91	178396	45.199	ug/l	99
83) tert-Butylbenzene	13.075	119	194646	44.888	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	210296	45.057	ug/l	100
85) sec-Butylbenzene	13.251	105	278084	45.181	ug/l	98
86) p-Isopropyltoluene	13.367	119	237156	44.632	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	119840	44.525	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	116877	43.814	ug/l	98
89) n-Butylbenzene	13.696	91	216337	44.909	ug/l	98
90) Hexachloroethane	13.965	117	45424	45.967	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	106467	45.793	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6542	44.615	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	62460	44.009	ug/l	97
94) Hexachlorobutadiene	15.111	225	36050	44.068	ug/l	97
95) Naphthalene	15.239	128	111651	45.858	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	54085	44.539	ug/l	96

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

