

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018954.D
 Acq On : 09 Aug 2024 09:08
 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 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

Quant Time: Aug 09 23:39:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	67301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	103954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	89069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	46658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	30527	51.662	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.320%			
35) Dibromofluoromethane	7.622	113	32810	49.417	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.840%			
50) Toluene-d8	10.103	98	127477	49.987	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.980%			
62) 4-Bromofluorobenzene	12.408	95	36641	48.428	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	21214	45.858	ug/l	95
3) Chloromethane	2.068	50	59322	54.757	ug/l	99
4) Vinyl Chloride	2.202	62	79409	51.223	ug/l	100
5) Bromomethane	2.592	94	60894	49.232	ug/l	92
6) Chloroethane	2.726	64	53645	51.460	ug/l	98
7) Trichlorofluoromethane	3.043	101	104115	50.391	ug/l	98
8) Diethyl Ether	3.446	74	15932	50.022	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.805	101	31565	48.901	ug/l #	90
10) Methyl Iodide	3.994	142	37895	54.368	ug/l	95
11) Tert butyl alcohol	4.848	59	12962	254.463	ug/l #	97
12) 1,1-Dichloroethene	3.787	96	31729	52.031	ug/l	89
13) Acrolein	3.635	56	15513	251.015	ug/l	98
14) Allyl chloride	4.385	41	42253	51.807	ug/l #	86
15) Acrylonitrile	5.043	53	33567	268.837	ug/l	98
16) Acetone	3.854	43	37838	261.370	ug/l #	84
17) Carbon Disulfide	4.098	76	88910	49.046	ug/l	97
18) Methyl Acetate	4.378	43	17447	53.124	ug/l	93
19) Methyl tert-butyl Ether	5.104	73	76080	50.723	ug/l	98
20) Methylene Chloride	4.604	84	36503	54.441	ug/l #	84
21) trans-1,2-Dichloroethene	5.104	96	34824	51.612	ug/l	96
22) Diisopropyl ether	6.006	45	93775	52.743	ug/l #	87
23) Vinyl Acetate	5.945	43	416385	271.362	ug/l	95
24) 1,1-Dichloroethane	5.903	63	55880	51.232	ug/l	98
25) 2-Butanone	6.878	43	52079	272.207	ug/l #	85
26) 2,2-Dichloropropane	6.872	77	50094	48.797	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	40898	50.660	ug/l	96
28) Bromochloromethane	7.238	49	26215	52.205	ug/l	93
29) Tetrahydrofuran	7.256	42	29494	261.441	ug/l	91
30) Chloroform	7.408	83	60343	51.718	ug/l	98
31) Cyclohexane	7.689	56	48329	52.492	ug/l	98
32) 1,1,1-Trichloroethane	7.604	97	54701	51.866	ug/l	97
36) 1,1-Dichloropropene	7.823	75	44382	49.798	ug/l	98
37) Ethyl Acetate	6.969	43	22215	54.534	ug/l	96
38) Carbon Tetrachloride	7.805	117	52084	50.969	ug/l	96
39) Methylcyclohexane	9.103	83	60193	50.175	ug/l	94
40) Benzene	8.067	78	137363	51.837	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	10072m	55.427	ug/l	
42) 1,2-Dichloroethane	8.152	62	34728	52.643	ug/l	99
43) Isopropyl Acetate	8.183	43	43132	52.063	ug/l #	78
44) Trichloroethene	8.859	130	38239	50.625	ug/l	90
45) 1,2-Dichloropropane	9.134	63	29395	49.575	ug/l	96
46) Dibromomethane	9.225	93	20458	53.399	ug/l	99
47) Bromodichloromethane	9.420	83	46245	51.581	ug/l	98
48) Methyl methacrylate	9.213	41	18470	51.034	ug/l #	78
49) 1,4-Dioxane	9.225	88	4661	1029.749	ug/l #	99
51) 4-Methyl-2-Pentanone	9.993	43	115245	269.729	ug/l	87
52) Toluene	10.164	92	90382	51.347	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	41845	52.338	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	49625	52.253	ug/l #	82
55) 1,1,2-Trichloroethane	10.572	97	25091	53.329	ug/l	96
56) Ethyl methacrylate	10.438	69	31754	49.846	ug/l #	69
57) 1,3-Dichloropropane	10.719	76	40666	52.495	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	77034	234.561	ug/l	96
59) 2-Hexanone	10.761	43	85594	279.272	ug/l	84
60) Dibromochloromethane	10.908	129	33701	53.427	ug/l	99
61) 1,2-Dibromoethane	11.011	107	24557	54.055	ug/l	98
64) Tetrachloroethene	10.646	164	38511	51.578	ug/l	97
65) Chlorobenzene	11.444	112	101861	52.086	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	35155	51.395	ug/l	97
67) Ethyl Benzene	11.517	91	173449	51.228	ug/l	91
68) m/p-Xylenes	11.627	106	144566	104.126	ug/l	94
69) o-Xylene	11.956	106	66603	51.977	ug/l	94
70) Styrene	11.969	104	114155	54.087	ug/l	99
71) Bromoform	12.133	173	19024	53.482	ug/l #	98
73) Isopropylbenzene	12.255	105	165378	48.830	ug/l	96
74) N-amyl acetate	12.072	43	40021	51.209	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	28946	52.961	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	17043m	49.031	ug/l	
77) Bromobenzene	12.536	156	42707	54.130	ug/l	87
78) n-propylbenzene	12.597	91	199955	49.882	ug/l	97
79) 2-Chlorotoluene	12.682	91	102253	49.273	ug/l	90
80) 1,3,5-Trimethylbenzene	12.743	105	136766	51.530	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	8469	50.205	ug/l	92
82) 4-Chlorotoluene	12.779	91	108112	50.884	ug/l	93
83) tert-Butylbenzene	12.999	119	126472	50.449	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	134378	49.910	ug/l	94
85) sec-Butylbenzene	13.176	105	185334	51.039	ug/l	96
86) p-Isopropyltoluene	13.291	119	164421	52.291	ug/l	98
87) 1,3-Dichlorobenzene	13.291	146	85376	52.974	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	80915	51.481	ug/l	97
89) n-Butylbenzene	13.621	91	143198	51.884	ug/l	98
90) Hexachloroethane	13.883	117	30147	50.812	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	69931	52.775	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3707	49.306	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	39757	54.489	ug/l	98
94) Hexachlorobutadiene	15.029	225	21571	53.907	ug/l	99
95) Naphthalene	15.145	128	67481	51.952	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	32990	52.677	ug/l	100

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

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