

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018952.D
 Acq On : 09 Aug 2024 01:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 09 05:15:46 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	7.701	168	64698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	101535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	90410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	47404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	28330	49.873	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.740%			
35) Dibromofluoromethane	7.622	113	32639	50.331	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.660%			
50) Toluene-d8	10.103	98	122042	48.995	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.000%			
62) 4-Bromofluorobenzene	12.408	95	37261	50.421	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	20736	46.628	ug/l	98
3) Chloromethane	2.068	50	54165	51.680	ug/l	94
4) Vinyl Chloride	2.202	62	73549	49.352	ug/l	98
5) Bromomethane	2.592	94	55866	46.984	ug/l	99
6) Chloroethane	2.732	64	49510	49.404	ug/l	98
7) Trichlorofluoromethane	3.043	101	90788	45.709	ug/l	96
8) Diethyl Ether	3.446	74	15737	51.398	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	29642	47.769	ug/l	95
10) Methyl Iodide	4.001	142	37952	56.641	ug/l	97
11) Tert butyl alcohol	4.848	59	11594	231.977	ug/l #	95
12) 1,1-Dichloroethene	3.781	96	30136	51.407	ug/l	97
13) Acrolein	3.647	56	13872	232.828	ug/l	98
14) Allyl chloride	4.385	41	39720	50.661	ug/l #	86
15) Acrylonitrile	5.043	53	31738	264.416	ug/l	96
16) Acetone	3.860	43	22732	164.553	ug/l	100
17) Carbon Disulfide	4.098	76	83963	48.181	ug/l	95
18) Methyl Acetate	4.372	43	16761	53.088	ug/l	91
19) Methyl tert-butyl Ether	5.116	73	73534	50.998	ug/l	92
20) Methylene Chloride	4.604	84	37130	58.208	ug/l	95
21) trans-1,2-Dichloroethene	5.104	96	33765	52.056	ug/l	100
22) Diisopropyl ether	6.012	45	91127	53.316	ug/l #	88
23) Vinyl Acetate	5.945	43	379004	256.938	ug/l	95
24) 1,1-Dichloroethane	5.903	63	54192	51.683	ug/l	99
25) 2-Butanone	6.878	43	42396	230.511	ug/l	93
26) 2,2-Dichloropropane	6.878	77	41395	41.945	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	39540	50.949	ug/l	98
28) Bromochloromethane	7.232	49	26046	53.955	ug/l	91
29) Tetrahydrofuran	7.256	42	27202	250.826	ug/l	93
30) Chloroform	7.415	83	59138	52.724	ug/l	96
31) Cyclohexane	7.695	56	42988	48.263	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	51822	51.113	ug/l	95
36) 1,1-Dichloropropene	7.829	75	40515	46.542	ug/l	99
37) Ethyl Acetate	6.970	43	20255	50.907	ug/l #	94
38) Carbon Tetrachloride	7.811	117	46863	46.952	ug/l	98
39) Methylcyclohexane	9.103	83	50922	43.459	ug/l	98
40) Benzene	8.073	78	129700	50.111	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	10677m	60.256	ug/l	
42) 1,2-Dichloroethane	8.152	62	33686	52.280	ug/l	100
43) Isopropyl Acetate	8.189	43	41180	50.891	ug/l #	76
44) Trichloroethene	8.859	130	35451	48.052	ug/l	99
45) 1,2-Dichloropropane	9.134	63	29191	50.404	ug/l	100
46) Dibromomethane	9.225	93	19674	52.576	ug/l	97
47) Bromodichloromethane	9.420	83	44461	50.773	ug/l	100
48) Methyl methacrylate	9.219	41	17862	50.530	ug/l #	73
49) 1,4-Dioxane	9.225	88	4224	955.436	ug/l #	98
51) 4-Methyl-2-Pentanone	9.999	43	105745	253.391	ug/l	88
52) Toluene	10.170	92	86226	50.153	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	36901	47.254	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	44353	47.815	ug/l #	82
55) 1,1,2-Trichloroethane	10.573	97	23982	52.187	ug/l	93
56) Ethyl methacrylate	10.438	69	30899	49.660	ug/l #	71
57) 1,3-Dichloropropane	10.719	76	38205	50.493	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	79671	248.370	ug/l	95
59) 2-Hexanone	10.762	43	69394	231.809	ug/l	86
60) Dibromochloromethane	10.914	129	33018	53.591	ug/l	98
61) 1,2-Dibromoethane	11.018	107	22586	50.901	ug/l	98
64) Tetrachloroethene	10.646	164	38508	50.809	ug/l	95
65) Chlorobenzene	11.444	112	97547	49.140	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	33842	48.741	ug/l	99
67) Ethyl Benzene	11.524	91	164377	47.828	ug/l	95
68) m/p-Xylenes	11.633	106	135630	96.241	ug/l	93
69) o-Xylene	11.956	106	64714	49.754	ug/l	93
70) Styrene	11.975	104	106128	49.538	ug/l	99
71) Bromoform	12.133	173	18144	50.252	ug/l #	97
73) Isopropylbenzene	12.255	105	152376	44.283	ug/l	99
74) N-amyl acetate	12.072	43	37786	47.588	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	26124	47.045	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	16167m	45.779	ug/l	
77) Bromobenzene	12.536	156	39078	48.751	ug/l	91
78) n-propylbenzene	12.597	91	177319	43.539	ug/l	96
79) 2-Chlorotoluene	12.682	91	98965	46.938	ug/l	96
80) 1,3,5-Trimethylbenzene	12.743	105	123262	45.711	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	7082	41.322	ug/l	85
82) 4-Chlorotoluene	12.779	91	100440	46.530	ug/l	93
83) tert-Butylbenzene	13.005	119	115050	45.171	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	124071	45.356	ug/l	96
85) sec-Butylbenzene	13.182	105	158503	42.963	ug/l	96
86) p-Isopropyltoluene	13.298	119	141411	44.265	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	77455	47.303	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	75216	47.102	ug/l	98
89) n-Butylbenzene	13.621	91	121749	43.419	ug/l	97
90) Hexachloroethane	13.883	117	27161	45.059	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	65854	48.916	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3505	45.886	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	35903	48.433	ug/l	100
94) Hexachlorobutadiene	15.029	225	18259	44.912	ug/l	94
95) Naphthalene	15.151	128	67652	51.264	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	30689	48.232	ug/l	100

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

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