

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018934.D
 Acq On : 08 Aug 2024 17:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Aug 09 05:07:06 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	78894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	120089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	103172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	51246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	33922	48.972	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.940%		
35) Dibromofluoromethane	7.628	113	38302	49.938	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.880%		
50) Toluene-d8	10.103	98	149174	50.635	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.280%		
62) 4-Bromofluorobenzene	12.407	95	43366	49.616	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	24463	45.111	ug/l	99
3) Chloromethane	2.068	50	66031	51.663	ug/l	100
4) Vinyl Chloride	2.202	62	89160	49.062	ug/l	100
5) Bromomethane	2.592	94	68046	46.930	ug/l	97
6) Chloroethane	2.732	64	59841	48.968	ug/l	99
7) Trichlorofluoromethane	3.043	101	118013	48.725	ug/l	99
8) Diethyl Ether	3.446	74	17174	45.999	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.805	101	36272	47.936	ug/l	96
10) Methyl Iodide	4.000	142	39740	48.637	ug/l	96
11) Tert butyl alcohol	4.836	59	13394	216.182	ug/l #	80
12) 1,1-Dichloroethene	3.781	96	34279	47.952	ug/l	98
13) Acrolein	3.647	56	16405	225.534	ug/l	99
14) Allyl chloride	4.378	41	45012	47.080	ug/l #	87
15) Acrylonitrile	5.043	53	33333	227.735	ug/l	97
16) Acetone	3.854	43	35237	207.731	ug/l #	86
17) Carbon Disulfide	4.098	76	101567	47.796	ug/l	99
18) Methyl Acetate	4.372	43	16874	43.829	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	78989	44.924	ug/l	94
20) Methylene Chloride	4.604	84	39807	49.964	ug/l #	85
21) trans-1,2-Dichloroethene	5.104	96	38255	48.366	ug/l	98
22) Diisopropyl ether	6.006	45	100665	48.299	ug/l #	84
23) Vinyl Acetate	5.945	43	420985	234.045	ug/l	98
24) 1,1-Dichloroethane	5.903	63	62606	48.964	ug/l	99
25) 2-Butanone	6.884	43	49623	221.257	ug/l	92
26) 2,2-Dichloropropane	6.878	77	56026	46.555	ug/l	97
27) cis-1,2-Dichloroethene	6.872	96	44577	47.104	ug/l	98
28) Bromochloromethane	7.238	49	28785	48.900	ug/l	90
29) Tetrahydrofuran	7.250	42	28873	218.328	ug/l	91
30) Chloroform	7.408	83	65451	47.853	ug/l	99
31) Cyclohexane	7.695	56	53553	49.395	ug/l	90
32) 1,1,1-Trichloroethane	7.610	97	59792	48.362	ug/l	96
36) 1,1-Dichloropropene	7.829	75	47962	46.584	ug/l	98
37) Ethyl Acetate	6.976	43	20885	44.380	ug/l	97
38) Carbon Tetrachloride	7.811	117	56357	47.740	ug/l	95
39) Methylcyclohexane	9.103	83	65541	47.293	ug/l	96
40) Benzene	8.073	78	150431	49.141	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	11655m	55.523	ug/l	
42) 1,2-Dichloroethane	8.152	62	36788	48.273	ug/l	100
43) Isopropyl Acetate	8.189	43	44934	46.951	ug/l #	78
44) Trichloroethene	8.859	130	41978	48.108	ug/l	89
45) 1,2-Dichloropropane	9.140	63	33011	48.194	ug/l	99
46) Dibromomethane	9.225	93	20948	47.331	ug/l	97
47) Bromodichloromethane	9.420	83	50928	49.172	ug/l	99
48) Methyl methacrylate	9.219	41	18869	45.131	ug/l #	80
49) 1,4-Dioxane	9.225	88	4243	811.453	ug/l #	90
51) 4-Methyl-2-Pentanone	9.999	43	112060	227.036	ug/l #	86
52) Toluene	10.170	92	97070	47.737	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	44116	47.765	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	53588	48.845	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	25753	47.382	ug/l	95
56) Ethyl methacrylate	10.438	69	32699	44.433	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	42379	47.356	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	92457	243.698	ug/l	97
59) 2-Hexanone	10.761	43	78849	222.699	ug/l	86
60) Dibromochloromethane	10.914	129	35107	48.178	ug/l	98
61) 1,2-Dibromoethane	11.018	107	24371	46.438	ug/l	99
64) Tetrachloroethene	10.646	164	41366	47.829	ug/l	93
65) Chlorobenzene	11.444	112	109597	48.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	38597	48.713	ug/l	96
67) Ethyl Benzene	11.524	91	193367	49.304	ug/l	96
68) m/p-Xylenes	11.627	106	155337	96.590	ug/l	96
69) o-Xylene	11.956	106	74378	50.111	ug/l	92
70) Styrene	11.975	104	123915	50.686	ug/l	97
71) Bromoform	12.133	173	19189	46.572	ug/l #	98
73) Isopropylbenzene	12.255	105	183699	49.384	ug/l	97
74) N-amyl acetate	12.072	43	39148	45.607	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.511	83	28820	48.009	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	17860m	46.781	ug/l	
77) Bromobenzene	12.536	156	43281	49.946	ug/l	90
78) n-propylbenzene	12.596	91	214948	48.822	ug/l	96
79) 2-Chlorotoluene	12.682	91	111993	49.135	ug/l	95
80) 1,3,5-Trimethylbenzene	12.743	105	142261	48.802	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.304	75	8435	45.527	ug/l	88
82) 4-Chlorotoluene	12.779	91	113140	48.483	ug/l	92
83) tert-Butylbenzene	12.999	119	134758	48.942	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	147389	49.841	ug/l	98
85) sec-Butylbenzene	13.182	105	204011	51.152	ug/l	99
86) p-Isopropyltoluene	13.298	119	172893	50.063	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	87516	49.440	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	82974	48.065	ug/l	98
89) n-Butylbenzene	13.621	91	149650	49.368	ug/l	98
90) Hexachloroethane	13.883	117	32861	50.428	ug/l	93
91) 1,2-Dichlorobenzene	13.663	146	72281	49.665	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3612	43.741	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	39307	49.049	ug/l	100
94) Hexachlorobutadiene	15.029	225	21805	49.613	ug/l	97
95) Naphthalene	15.151	128	63494	44.506	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	31710	46.100	ug/l	97

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

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