

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019278.D
 Acq On : 27 Aug 2024 11:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/28/2024
 Supervised By :Mahesh Dadoda 08/28/2024

Quant Time: Aug 27 15:42:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	118323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	186694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	142300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	73533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	60037	50.617	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.240%			
35) Dibromofluoromethane	7.628	113	58829	48.192	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.380%			
50) Toluene-d8	10.103	98	184706	42.046	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 84.100%			
62) 4-Bromofluorobenzene	12.408	95	64417	43.015	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 86.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	41210	47.471	ug/l	98
3) Chloromethane	2.068	50	70752	45.216	ug/l	100
4) Vinyl Chloride	2.202	62	83956	43.437	ug/l	98
5) Bromomethane	2.586	94	63477	54.295	ug/l	95
6) Chloroethane	2.726	64	57070	46.076	ug/l	100
7) Trichlorofluoromethane	3.050	101	123015	42.097	ug/l	94
8) Diethyl Ether	3.452	74	27408	43.453	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.799	101	53021	40.813	ug/l	96
10) Methyl Iodide	3.994	142	62180	48.832	ug/l	92
11) Tert butyl alcohol	4.848	59	26519	264.850	ug/l #	81
12) 1,1-Dichloroethene	3.781	96	50513	42.798	ug/l	98
13) Acrolein	3.641	56	13040	137.518	ug/l	97
14) Allyl chloride	4.372	41	82716	52.711	ug/l	89
15) Acrylonitrile	5.043	53	68432	265.152	ug/l	98
16) Acetone	3.854	43	63259	287.587	ug/l	88
17) Carbon Disulfide	4.098	76	150783	45.294	ug/l	98
18) Methyl Acetate	4.366	43	33913	50.234	ug/l	95
19) Methyl tert-butyl Ether	5.104	73	151521	52.952	ug/l	99
20) Methylene Chloride	4.610	84	68356	50.048	ug/l	93
21) trans-1,2-Dichloroethene	5.104	96	64651	49.029	ug/l	97
22) Diisopropyl ether	6.006	45	188313	52.421	ug/l	94
23) Vinyl Acetate	5.945	43	772243	271.524	ug/l	97
24) 1,1-Dichloroethane	5.903	63	108967	49.600	ug/l	99
25) 2-Butanone	6.884	43	97758	275.960	ug/l	95
26) 2,2-Dichloropropane	6.878	77	98626	55.439	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	77139	49.710	ug/l	96
28) Bromochloromethane	7.232	49	50491	54.789	ug/l	97
29) Tetrahydrofuran	7.250	42	57194	251.160	ug/l	91
30) Chloroform	7.409	83	125598	51.307	ug/l	98
31) Cyclohexane	7.689	56	85149	50.205	ug/l	99
32) 1,1,1-Trichloroethane	7.604	97	109891	51.081	ug/l	96
36) 1,1-Dichloropropene	7.829	75	83603	49.875	ug/l	98
37) Ethyl Acetate	6.970	43	40598	54.665	ug/l	97
38) Carbon Tetrachloride	7.811	117	101136	52.062	ug/l	98
39) Methylcyclohexane	9.103	83	99440	46.227	ug/l	93
40) Benzene	8.073	78	261451	50.856	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	23128m	57.056	ug/l	
42) 1,2-Dichloroethane	8.152	62	75833	54.623	ug/l	96
43) Isopropyl Acetate	8.189	43	80998	53.928	ug/l #	80
44) Trichloroethene	8.859	130	68715	47.902	ug/l	92
45) 1,2-Dichloropropane	9.134	63	56963	49.731	ug/l	96
46) Dibromomethane	9.225	93	34819	46.868	ug/l	99
47) Bromodichloromethane	9.420	83	94940	52.088	ug/l	99
48) Methyl methacrylate	9.219	41	31968	47.758	ug/l #	87
49) 1,4-Dioxane	9.213	88	8462	940.278	ug/l #	92
51) 4-Methyl-2-Pentanone	9.999	43	172631	216.552	ug/l	94
52) Toluene	10.170	92	147222	43.626	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	71249	47.123	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	83220	45.767	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	43881	45.882	ug/l	97
56) Ethyl methacrylate	10.438	69	56411	45.063	ug/l #	88
57) 1,3-Dichloropropane	10.713	76	71045	45.569	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	138742	233.626	ug/l	95
59) 2-Hexanone	10.762	43	124380	227.105	ug/l	93
60) Dibromochloromethane	10.908	129	60090	46.130	ug/l	99
61) 1,2-Dibromoethane	11.018	107	41895	45.322	ug/l	99
64) Tetrachloroethene	10.646	164	58822	47.292	ug/l	94
65) Chlorobenzene	11.444	112	165784	50.596	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	59775	51.875	ug/l	98
67) Ethyl Benzene	11.518	91	287332	50.523	ug/l	96
68) m/p-Xylenes	11.633	106	224439	99.459	ug/l	99
69) o-Xylene	11.956	106	108758	52.044	ug/l	96
70) Styrene	11.975	104	183433	51.475	ug/l	99
71) Bromoform	12.133	173	35246	53.509	ug/l #	97
73) Isopropylbenzene	12.255	105	276219	49.010	ug/l	98
74) N-amyl acetate	12.072	43	59120	48.106	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.511	83	47699	47.539	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	31717m	43.737	ug/l	
77) Bromobenzene	12.536	156	68369	50.512	ug/l	98
78) n-propylbenzene	12.597	91	372938	55.353	ug/l	92
79) 2-Chlorotoluene	12.682	91	190045	50.313	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	229887	50.070	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	15674	53.380	ug/l	96
82) 4-Chlorotoluene	12.779	91	194657	49.533	ug/l	100
83) tert-Butylbenzene	12.999	119	213746	50.412	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	227855	49.794	ug/l	98
85) sec-Butylbenzene	13.182	105	310404	50.237	ug/l	99
86) p-Isopropyltoluene	13.298	119	259758	51.181	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	138500	51.886	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	134573	50.717	ug/l	99
89) n-Butylbenzene	13.621	91	243819	52.693	ug/l	98
90) Hexachloroethane	13.883	117	53612	53.593	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	118933	50.660	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	7200	48.779	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	71264	53.827	ug/l	98
94) Hexachlorobutadiene	15.029	225	39656	57.505	ug/l	98
95) Naphthalene	15.151	128	126454	53.518	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	62332	55.821	ug/l	99

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

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