

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071724\
 Data File : VY018857.D
 Acq On : 17 Jul 2024 19:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/18/2024
 Supervised By :Semsettin Yesilyurt 07/18/2024

Quant Time: Jul 18 01:32:11 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	7.777	168	96570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	153781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	138700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49296	51.876	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.760%			
35) Dibromofluoromethane	7.704	113	48898	50.768	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.540%			
50) Toluene-d8	10.173	98	173226	47.472	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.940%			
62) 4-Bromofluorobenzene	12.477	95	63065	50.608	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	35894	44.358	ug/l	97
3) Chloromethane	2.101	50	55254	44.934	ug/l	98
4) Vinyl Chloride	2.241	62	67618	47.007	ug/l	98
5) Bromomethane	2.638	94	47109	47.611	ug/l	96
6) Chloroethane	2.778	64	45467	48.652	ug/l	98
7) Trichlorofluoromethane	3.107	101	87962	46.796	ug/l	95
8) Diethyl Ether	3.503	74	25537	55.741	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.881	101	45117	46.782	ug/l	92
10) Methyl Iodide	4.070	142	53281	51.304	ug/l	92
11) Tert butyl alcohol	4.942	59	17946	186.427	ug/l #	77
12) 1,1-Dichloroethene	3.857	96	42812	45.887	ug/l	96
13) Acrolein	3.717	56	11786	152.818	ug/l	97
14) Allyl chloride	4.460	41	56701	49.056	ug/l	92
15) Acrylonitrile	5.143	53	53780	297.562	ug/l	98
16) Acetone	3.930	43	40046	228.582	ug/l	92
17) Carbon Disulfide	4.174	76	118430	45.333	ug/l	99
18) Methyl Acetate	4.460	43	30885	60.672	ug/l	99
19) Methyl tert-butyl Ether	5.198	73	121029	55.920	ug/l	99
20) Methylene Chloride	4.692	84	60658	62.365	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	48683	49.439	ug/l	95
22) Diisopropyl ether	6.106	45	131515	52.308	ug/l	94
23) Vinyl Acetate	6.039	43	534428	269.803	ug/l	97
24) 1,1-Dichloroethane	5.997	63	80741	50.297	ug/l	97
25) 2-Butanone	6.972	43	67230	273.768	ug/l	96
26) 2,2-Dichloropropane	6.966	77	60426	40.569	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	58735	51.232	ug/l	99
28) Bromochloromethane	7.320	49	33577	52.077	ug/l	94
29) Tetrahydrofuran	7.338	42	45554	302.582	ug/l	95
30) Chloroform	7.490	83	93153	52.067	ug/l	96
31) Cyclohexane	7.777	56	61345	42.019	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	83344	50.097	ug/l	98
36) 1,1-Dichloropropene	7.911	75	61338	46.147	ug/l	100
37) Ethyl Acetate	7.064	43	31864	57.673	ug/l	97
38) Carbon Tetrachloride	7.893	117	76062	47.512	ug/l	96
39) Methylcyclohexane	9.173	83	77141	45.287	ug/l	97
40) Benzene	8.149	78	190365	49.370	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.289	41	13833	43.915	ug/l	93
42) 1,2-Dichloroethane	8.228	62	57484	53.247	ug/l	95
43) Isopropyl Acetate	8.265	43	60393	54.935	ug/l	94
44) Trichloroethene	8.929	130	54081	49.067	ug/l	98
45) 1,2-Dichloropropane	9.210	63	43496	51.802	ug/l	94
46) Dibromomethane	9.301	93	30370	55.801	ug/l	96
47) Bromodichloromethane	9.490	83	72113	53.038	ug/l	96
48) Methyl methacrylate	9.289	41	27386	54.805	ug/l #	89
49) 1,4-Dioxane	9.283	88	8001	1254.094	ug/l #	91
51) 4-Methyl-2-Pentanone	10.063	43	167286	298.039	ug/l	94
52) Toluene	10.240	92	128511	50.144	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	61919	52.745	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	71462	51.889	ug/l #	87
55) 1,1,2-Trichloroethane	10.636	97	38478	55.830	ug/l	97
56) Ethyl methacrylate	10.508	69	52202	57.531	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	63734	55.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	135026	311.478	ug/l	96
59) 2-Hexanone	10.825	43	115394	293.866	ug/l	91
60) Dibromochloromethane	10.984	129	53680	56.687	ug/l	99
61) 1,2-Dibromoethane	11.081	107	37535	56.020	ug/l	99
64) Tetrachloroethene	10.715	164	59133	52.672	ug/l	98
65) Chlorobenzene	11.508	112	147640	50.460	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	52002	51.585	ug/l	97
67) Ethyl Benzene	11.587	91	243468	47.500	ug/l	96
68) m/p-Xylenes	11.697	106	190699	94.809	ug/l	99
69) o-Xylene	12.026	106	92447	48.888	ug/l	98
70) Styrene	12.038	104	160251	50.789	ug/l	97
71) Bromoform	12.203	173	30428	55.375	ug/l #	99
73) Isopropylbenzene	12.325	105	237321	45.143	ug/l	99
74) N-amyl acetate	12.142	43	55302	51.438	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	42036	50.722	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	30424m	54.078	ug/l	
77) Bromobenzene	12.605	156	61363	48.894	ug/l	94
78) n-propylbenzene	12.666	91	279153	44.715	ug/l	99
79) 2-Chlorotoluene	12.752	91	161309	45.953	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	195921	45.548	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	12621	50.208	ug/l	89
82) 4-Chlorotoluene	12.849	91	162588	44.980	ug/l	98
83) tert-Butylbenzene	13.069	119	181060	45.593	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	197460	46.196	ug/l	99
85) sec-Butylbenzene	13.251	105	247641	43.933	ug/l	97
86) p-Isopropyltoluene	13.367	119	214659	44.112	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	115695	46.937	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	112951	46.234	ug/l	98
89) n-Butylbenzene	13.690	91	190077	43.085	ug/l	99
90) Hexachloroethane	13.959	117	40034	44.237	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	105807	49.693	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7223	53.787	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	63141	48.578	ug/l	98
94) Hexachlorobutadiene	15.111	225	32261	43.061	ug/l	96
95) Naphthalene	15.233	128	130048	58.324	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	56330	50.651	ug/l	99

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

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