

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020073.D
 Acq On : 29 Oct 2024 19:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/30/2024
 Supervised By : Mahesh Dadoda 10/30/2024

Quant Time: Oct 30 01:31:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	173498	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	312165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	272456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	140296	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	112709	52.760	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.520%	
35) Dibromofluoromethane	7.640	113	108440	52.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.280%	
50) Toluene-d8	10.109	98	377157	49.580	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.160%	
62) 4-Bromofluorobenzene	12.408	95	138885	50.528	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.060%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	60579	37.507	ug/l	99
3) Chloromethane	2.068	50	103277	49.130	ug/l	98
4) Vinyl Chloride	2.208	62	111572	48.232	ug/l	98
5) Bromomethane	2.598	94	76109	51.980	ug/l	99
6) Chloroethane	2.739	64	84085	54.108	ug/l	99
7) Trichlorofluoromethane	3.062	101	159971	46.475	ug/l	95
8) Diethyl Ether	3.458	74	52360	50.051	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.824	101	97390	48.643	ug/l	90
10) Methyl Iodide	4.013	142	91721	45.296	ug/l	90
11) Tert butyl alcohol	4.878	59	38087	217.802	ug/l #	78
12) 1,1-Dichloroethene	3.799	96	85004	45.669	ug/l #	81
13) Acrolein	3.659	56	10757	68.528	ug/l	100
14) Allyl chloride	4.391	41	170518	50.775	ug/l #	90
15) Acrylonitrile	5.067	53	135385	282.944	ug/l	96
16) Acetone	3.873	43	124645	224.139	ug/l #	84
17) Carbon Disulfide	4.116	76	185921	37.267	ug/l	98
18) Methyl Acetate	4.397	43	83691	69.862	ug/l #	87
19) Methyl tert-butyl Ether	5.122	73	283441	53.006	ug/l	97
20) Methylene Chloride	4.622	84	110877	54.025	ug/l #	76
21) trans-1,2-Dichloroethene	5.122	96	98550	48.648	ug/l	88
22) Diisopropyl ether	6.025	45	426126	58.253	ug/l #	91
23) Vinyl Acetate	5.964	43	1090760	260.102	ug/l #	90
24) 1,1-Dichloroethane	5.921	63	223902	55.063	ug/l	96
25) 2-Butanone	6.896	43	191018	256.619	ug/l #	84
26) 2,2-Dichloropropane	6.890	77	169401	46.779	ug/l	96
27) cis-1,2-Dichloroethene	6.896	96	132796	53.045	ug/l	83
28) Bromochloromethane	7.250	49	111844	62.491	ug/l #	69
29) Tetrahydrofuran	7.268	42	119322	280.747	ug/l #	82
30) Chloroform	7.427	83	235163	56.733	ug/l	98
31) Cyclohexane	7.701	56	156630	43.880	ug/l	86
32) 1,1,1-Trichloroethane	7.622	97	191693	52.770	ug/l #	93
36) 1,1-Dichloropropene	7.841	75	147800	49.803	ug/l	93
37) Ethyl Acetate	6.988	43	80733	52.170	ug/l	94
38) Carbon Tetrachloride	7.817	117	158634	49.862	ug/l	99
39) Methylcyclohexane	9.109	83	165241	44.190	ug/l #	86
40) Benzene	8.085	78	472943	52.657	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	38953	46.509	ug/l	94
42) 1,2-Dichloroethane	8.164	62	137832	53.417	ug/l	95
43) Isopropyl Acetate	8.201	43	167569	53.096	ug/l #	77
44) Trichloroethene	8.866	130	106470	48.944	ug/l	81
45) 1,2-Dichloropropane	9.146	63	124442	55.356	ug/l	97
46) Dibromomethane	9.231	93	65534	53.357	ug/l #	88
47) Bromodichloromethane	9.426	83	184201	56.502	ug/l	99
48) Methyl methacrylate	9.225	41	76886	55.384	ug/l #	79
49) 1,4-Dioxane	9.237	88	15193	1105.211	ug/l #	85
51) 4-Methyl-2-Pentanone	9.999	43	462060	287.042	ug/l	87
52) Toluene	10.170	92	299715	53.460	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	151215	51.551	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	182207	52.643	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	89572	55.353	ug/l	98
56) Ethyl methacrylate	10.438	69	125799	54.178	ug/l #	74
57) 1,3-Dichloropropane	10.719	76	158507	55.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	334832	309.760	ug/l	93
59) 2-Hexanone	10.762	43	309988	269.620	ug/l	85
60) Dibromochloromethane	10.914	129	113590	54.690	ug/l	98
61) 1,2-Dibromoethane	11.018	107	77175	52.777	ug/l	98
64) Tetrachloroethene	10.646	164	95227	49.138	ug/l	91
65) Chlorobenzene	11.444	112	325160	52.178	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	112469	53.343	ug/l	99
67) Ethyl Benzene	11.517	91	590900	52.199	ug/l	98
68) m/p-Xylenes	11.627	106	432279	103.397	ug/l	90
69) o-Xylene	11.956	106	211152	52.566	ug/l	92
70) Styrene	11.969	104	364980	53.855	ug/l	96
71) Bromoform	12.133	173	59973	53.135	ug/l #	95
73) Isopropylbenzene	12.255	105	574147	48.654	ug/l	98
74) N-amyl acetate	12.072	43	148725	47.584	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	109862	52.394	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	75863m	27.603	ug/l	
77) Bromobenzene	12.529	156	119590	47.756	ug/l	84
78) n-propylbenzene	12.597	91	711716	49.913	ug/l	95
79) 2-Chlorotoluene	12.682	91	408657	49.991	ug/l	92
80) 1,3,5-Trimethylbenzene	12.737	105	457153	47.969	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	31337	46.023	ug/l #	80
82) 4-Chlorotoluene	12.779	91	413391	49.457	ug/l	95
83) tert-Butylbenzene	12.999	119	421757	49.400	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	471677	49.920	ug/l	95
85) sec-Butylbenzene	13.176	105	636079	49.866	ug/l	97
86) p-Isopropyltoluene	13.292	119	508796	49.121	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	246187	48.682	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	243521	49.017	ug/l	95
89) n-Butylbenzene	13.615	91	509786	50.404	ug/l	97
90) Hexachloroethane	13.877	117	101604	50.376	ug/l	83
91) 1,2-Dichlorobenzene	13.657	146	217758	49.006	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15896	47.501	ug/l	73
93) 1,2,4-Trichlorobenzene	14.919	180	112641	45.209	ug/l	98
94) Hexachlorobutadiene	15.023	225	60969	44.014	ug/l	97
95) Naphthalene	15.145	128	223904	47.646	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	95401	45.295	ug/l	98

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

