

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009603.D
 Acq On : 19 Jul 2022 20:33
 Operator : KP/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 :Krupa Patel 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

Quant Time: Jul 20 02:46:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	291660	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	449818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	407052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	208603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	129860	47.078	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.160%		
35) Dibromofluoromethane	7.710	113	138680	48.937	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.880%		
50) Toluene-d8	10.173	98	535092	49.118	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	98.240%		
62) 4-Bromofluorobenzene	12.477	95	195266	55.316	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	110.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	117670	45.979	ug/l	99
3) Chloromethane	2.107	50	130218	34.335	ug/l	96
4) Vinyl Chloride	2.241	62	129583	32.674	ug/l	97
5) Bromomethane	2.637	94	83063	30.944	ug/l	97
6) Chloroethane	2.784	64	70842	29.406	ug/l	99
7) Trichlorofluoromethane	3.113	101	213403	45.409	ug/l	93
8) Diethyl Ether	3.521	74	73639	47.892	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.887	101	130636	47.536	ug/l	94
10) Methyl Iodide	4.076	142	168535	46.168	ug/l	# 87
11) Tert butyl alcohol	4.948	59	56327	199.419	ug/l	# 94
12) 1,1-Dichloroethene	3.857	96	125383	46.747	ug/l	82
13) Acrolein	3.716	56	35805	181.564	ug/l	98
14) Allyl chloride	4.466	41	193136	46.549	ug/l	# 87
15) Acrylonitrile	5.149	53	168890	222.397	ug/l	97
16) Acetone	3.936	43	120719	173.002	ug/l	90
17) Carbon Disulfide	4.180	76	382777	45.907	ug/l	99
18) Methyl Acetate	4.466	43	77829	39.735	ug/l	# 88
19) Methyl tert-butyl Ether	5.210	73	342310	48.425	ug/l	97
20) Methylene Chloride	4.704	84	201511	59.637	ug/l	# 83
21) trans-1,2-Dichloroethene	5.204	96	145368	47.886	ug/l	86
22) Diisopropyl ether	6.112	45	413917	46.719	ug/l	# 89
23) Vinyl Acetate	6.051	43	1274659	228.026	ug/l	# 92
24) 1,1-Dichloroethane	6.009	63	244336	47.748	ug/l	99
25) 2-Butanone	6.978	43	207076	203.444	ug/l	# 85
26) 2,2-Dichloropropane	6.972	77	185918	40.557	ug/l	91
27) cis-1,2-Dichloroethene	6.978	96	163246	48.638	ug/l	83
28) Bromochloromethane	7.326	49	108141	49.323	ug/l	# 76
29) Tetrahydrofuran	7.338	42	144627	216.423	ug/l	# 87
30) Chloroform	7.496	83	250711	47.895	ug/l	100
31) Cyclohexane	7.777	56	219272	45.082	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	222855	47.464	ug/l	95
36) 1,1-Dichloropropene	7.911	75	190357	45.457	ug/l	95
37) Ethyl Acetate	7.063	43	96357	41.343	ug/l	# 92
38) Carbon Tetrachloride	7.893	117	200404	45.716	ug/l	97
39) Methylcyclohexane	9.173	83	251548	48.717	ug/l	91
40) Benzene	8.149	78	565302	46.134	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	54053m	48.331	ug/l	
42) 1,2-Dichloroethane	8.228	62	148805	43.290	ug/l	88
43) Isopropyl Acetate	8.264	43	189299	44.325	ug/l #	90
44) Trichloroethene	8.935	130	164466	47.194	ug/l	98
45) 1,2-Dichloropropane	9.209	63	141546	47.083	ug/l	94
46) Dibromomethane	9.301	93	80304	45.992	ug/l	95
47) Bromodichloromethane	9.490	83	190705	46.580	ug/l	98
48) Methyl methacrylate	9.289	41	85679	45.409	ug/l #	83
49) 1,4-Dioxane	9.289	88	22479	965.853	ug/l #	83
51) 4-Methyl-2-Pentanone	10.063	43	483836	218.196	ug/l	89
52) Toluene	10.240	92	366094	47.166	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	195049	46.125	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	224810	46.756	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	114944	46.744	ug/l	98
56) Ethyl methacrylate	10.508	69	158023	50.230	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	191267	46.872	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	416762	245.877	ug/l	93
59) 2-Hexanone	10.831	43	328595	213.059	ug/l	85
60) Dibromochloromethane	10.983	129	139803	46.984	ug/l	100
61) 1,2-Dibromoethane	11.087	107	113337	47.241	ug/l	99
64) Tetrachloroethene	10.715	164	152555	47.888	ug/l	98
65) Chlorobenzene	11.514	112	392169	47.147	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	149751	48.456	ug/l	97
67) Ethyl Benzene	11.587	91	700555	47.886	ug/l	97
68) m/p-Xylenes	11.697	106	551334	94.694	ug/l	91
69) o-Xylene	12.026	106	270006	49.555	ug/l	90
70) Styrene	12.038	104	447227	49.350	ug/l	95
71) Bromoform	12.203	173	89162	45.718	ug/l #	99
73) Isopropylbenzene	12.325	105	692718	47.962	ug/l	99
74) N-amyl acetate	12.142	43	209526	54.547	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.581	83	125010	43.219	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	87827m	44.197	ug/l	
77) Bromobenzene	12.605	156	166328	45.796	ug/l	90
78) n-propylbenzene	12.666	91	816715	46.797	ug/l	97
79) 2-Chlorotoluene	12.751	91	461888	47.735	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	575460	48.219	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	44061	43.720	ug/l #	83
82) 4-Chlorotoluene	12.849	91	464528	46.276	ug/l	96
83) tert-Butylbenzene	13.075	119	519487	48.994	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	567585	47.555	ug/l	97
85) sec-Butylbenzene	13.251	105	747227	47.533	ug/l	99
86) p-Isopropyltoluene	13.367	119	630928	47.757	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	321964	44.813	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	317951	44.634	ug/l	97
89) n-Butylbenzene	13.696	91	571868	47.397	ug/l	98
90) Hexachloroethane	13.959	117	118481	46.550	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	286390	45.630	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20348	46.241	ug/l	66
93) 1,2,4-Trichlorobenzene	15.007	180	182908	46.431	ug/l	100
94) Hexachlorobutadiene	15.111	225	107610	46.047	ug/l	99
95) Naphthalene	15.233	128	368979	49.059	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	159118	45.983	ug/l	99

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

