

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009789.D
 Acq On : 01 Aug 2022 11:20
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/02/2022
 Supervised By :Mahesh Dadoda 08/02/2022

Quant Time: Aug 02 01:31:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	184770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	263688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	268007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56717	45.672	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.340%		
35) Dibromofluoromethane	7.710	113	66816	46.590	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.180%		
50) Toluene-d8	10.179	98	200201	47.741	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	95.480%		
62) 4-Bromofluorobenzene	12.483	95	97117	51.070	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	102.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	71796	43.647	ug/l	99
3) Chloromethane	2.107	50	109438	54.339	ug/l	97
4) Vinyl Chloride	2.241	62	120755	53.728	ug/l	100
5) Bromomethane	2.637	94	85482	54.863	ug/l	98
6) Chloroethane	2.784	64	76871	57.174	ug/l	99
7) Trichlorofluoromethane	3.113	101	154829	52.148	ug/l	94
8) Diethyl Ether	3.521	74	43610	45.316	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.887	101	79287	47.224	ug/l	94
10) Methyl Iodide	4.082	142	106544	48.908	ug/l	89
11) Tert butyl alcohol	4.942	59	32998	181.312	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	73975	46.866	ug/l	80
13) Acrolein	3.723	56	9415	329.368	ug/l	95
14) Allyl chloride	4.466	41	117345	47.284	ug/l #	92
15) Acrylonitrile	5.155	53	108142	233.322	ug/l	97
16) Acetone	3.936	43	114483	259.142	ug/l	92
17) Carbon Disulfide	4.180	76	226900	46.722	ug/l	99
18) Methyl Acetate	4.466	43	50471	44.205	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	202893	47.071	ug/l	97
20) Methylene Chloride	4.704	84	102315	47.822	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	87984	47.972	ug/l	84
22) Diisopropyl ether	6.106	45	265859	50.303	ug/l	94
23) Vinyl Acetate	6.051	43	837216	235.899	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	149312	48.748	ug/l	99
25) 2-Butanone	6.978	43	157529	241.714	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	136473	46.870	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	99027	48.134	ug/l	87
28) Bromochloromethane	7.326	49	54415	49.283	ug/l	84
29) Tetrahydrofuran	7.338	42	95428	231.224	ug/l	91
30) Chloroform	7.496	83	156292	48.777	ug/l	99
31) Cyclohexane	7.777	56	130738	44.471	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	138676	48.216	ug/l	96
36) 1,1-Dichloropropene	7.911	75	119777	51.327	ug/l	96
37) Ethyl Acetate	7.063	43	64078	46.330	ug/l #	96
38) Carbon Tetrachloride	7.893	117	128774	51.499	ug/l	96
39) Methylcyclohexane	9.179	83	141155	48.831	ug/l	91
40) Benzene	8.155	78	354936	51.333	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	34231m	48.578	ug/l	
42) 1,2-Dichloroethane	8.228	62	97765	50.716	ug/l	91
43) Isopropyl Acetate	8.264	43	116837	48.351	ug/l #	92
44) Trichloroethene	8.935	130	99115	49.970	ug/l	97
45) 1,2-Dichloropropane	9.209	63	86689	51.638	ug/l	97
46) Dibromomethane	9.301	93	51168	51.231	ug/l	96
47) Bromodichloromethane	9.490	83	120858	52.672	ug/l	99
48) Methyl methacrylate	9.289	41	53849	50.678	ug/l	88
49) 1,4-Dioxane	9.295	88	13023	903.900	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	321009	261.137	ug/l	93
52) Toluene	10.240	92	228225	52.697	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	122832	51.837	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	140522	51.634	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	71604	50.703	ug/l	98
56) Ethyl methacrylate	10.508	69	91743	52.146	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	119467	52.016	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	210311	234.716	ug/l	95
59) 2-Hexanone	10.831	43	237027	270.557	ug/l	91
60) Dibromochloromethane	10.983	129	90598	53.041	ug/l	100
61) 1,2-Dibromoethane	11.087	107	71906	52.272	ug/l	99
64) Tetrachloroethene	10.715	164	97053	45.928	ug/l	98
65) Chlorobenzene	11.514	112	265170	49.306	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	101215	50.574	ug/l	98
67) Ethyl Benzene	11.593	91	462338	49.736	ug/l	96
68) m/p-Xylenes	11.703	106	371205	100.595	ug/l	89
69) o-Xylene	12.026	106	175532	50.866	ug/l	91
70) Styrene	12.044	104	303526	52.334	ug/l	94
71) Bromoform	12.209	173	65035	50.889	ug/l #	100
73) Isopropylbenzene	12.331	105	454973	48.533	ug/l	99
74) N-amyl acetate	12.142	43	114701	47.370	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	85950	46.613	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	64358m	49.133	ug/l	
77) Bromobenzene	12.605	156	115654	49.676	ug/l	87
78) n-propylbenzene	12.672	91	552002	49.549	ug/l	97
79) 2-Chlorotoluene	12.758	91	299478	47.499	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	383799	49.399	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	30815	46.893	ug/l	87
82) 4-Chlorotoluene	12.855	91	313224	47.756	ug/l	95
83) tert-Butylbenzene	13.075	119	345820	49.530	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	391435	49.986	ug/l	96
85) sec-Butylbenzene	13.251	105	512088	49.954	ug/l	98
86) p-Isopropyltoluene	13.367	119	436719	50.369	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	233049	49.576	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	225578	47.652	ug/l	97
89) n-Butylbenzene	13.696	91	392532	49.416	ug/l	99
90) Hexachloroethane	13.959	117	80567	47.238	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	203620	48.501	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13119	42.340	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	119571	45.126	ug/l	99
94) Hexachlorobutadiene	15.111	225	74091	46.182	ug/l	98
95) Naphthalene	15.239	128	223749	45.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	105618	45.573	ug/l	99

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

