

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009738.D
 Acq On : 28 Jul 2022 09:33
 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 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022

Quant Time: Jul 29 02:54:30 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	204225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	296096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	271980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	64810	47.412	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.820%		
35) Dibromofluoromethane	7.710	113	74575	46.309	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.620%		
50) Toluene-d8	10.173	98	222805	47.275	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	94.540%		
62) 4-Bromofluorobenzene	12.483	95	104574	48.973	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	97.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	80644	44.356	ug/l	100
3) Chloromethane	2.107	50	108656	48.811	ug/l	98
4) Vinyl Chloride	2.241	62	131671	53.004	ug/l	98
5) Bromomethane	2.644	94	97844	56.815	ug/l	98
6) Chloroethane	2.784	64	85115	57.275	ug/l	99
7) Trichlorofluoromethane	3.113	101	154121	46.965	ug/l	91
8) Diethyl Ether	3.521	74	48073	45.195	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.887	101	86737	46.740	ug/l	93
10) Methyl Iodide	4.082	142	119886	49.790	ug/l	89
11) Tert butyl alcohol	4.948	59	40208	199.965	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	82681	47.392	ug/l	82
13) Acrolein	3.717	56	6198	190.466	ug/l	94
14) Allyl chloride	4.466	41	114715	41.821	ug/l #	94
15) Acrylonitrile	5.149	53	116858	228.108	ug/l	98
16) Acetone	3.942	43	126687	259.449	ug/l	91
17) Carbon Disulfide	4.180	76	248046	46.211	ug/l	100
18) Methyl Acetate	4.466	43	51928	41.061	ug/l #	85
19) Methyl tert-butyl Ether	5.210	73	228629	47.989	ug/l	98
20) Methylene Chloride	4.704	84	101014	41.434	ug/l #	82
21) trans-1,2-Dichloroethene	5.204	96	95158	46.941	ug/l	84
22) Diisopropyl ether	6.106	45	258296	44.216	ug/l #	93
23) Vinyl Acetate	6.045	43	856378	218.868	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	154404	45.609	ug/l	98
25) 2-Butanone	6.978	43	169829	235.763	ug/l #	83
26) 2,2-Dichloropropane	6.972	77	146830	45.623	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	108688	47.797	ug/l	83
28) Bromochloromethane	7.326	49	56892	46.618	ug/l #	73
29) Tetrahydrofuran	7.338	42	101498	222.503	ug/l #	84
30) Chloroform	7.496	83	167843	47.392	ug/l	99
31) Cyclohexane	7.777	56	134795	41.483	ug/l	87
32) 1,1,1-Trichloroethane	7.698	97	153972	48.434	ug/l	95
36) 1,1-Dichloropropene	7.911	75	125530	47.905	ug/l	95
37) Ethyl Acetate	7.064	43	69392	44.680	ug/l #	93
38) Carbon Tetrachloride	7.893	117	142588	50.783	ug/l	99
39) Methylcyclohexane	9.179	83	155102	47.783	ug/l	86
40) Benzene	8.155	78	370072	47.664	ug/l	95

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41) Methacrylonitrile	7.320	41	42307m	53.467	ug/l	
42) 1,2-Dichloroethane	8.228	62	108563	50.153	ug/l	91
43) Isopropyl Acetate	8.265	43	127486	46.984	ug/l #	92
44) Trichloroethene	8.935	130	109328	49.087	ug/l	93
45) 1,2-Dichloropropane	9.209	63	88075	46.721	ug/l	95
46) Dibromomethane	9.301	93	56314	50.212	ug/l	94
47) Bromodichloromethane	9.490	83	130587	50.683	ug/l	98
48) Methyl methacrylate	9.289	41	56501	47.353	ug/l #	85
49) 1,4-Dioxane	9.289	88	15964	979.476	ug/l #	72
51) 4-Methyl-2-Pentanone	10.069	43	342093	247.829	ug/l	91
52) Toluene	10.240	92	242346	49.833	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	134607	50.588	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	149358	48.874	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	79093	49.876	ug/l	98
56) Ethyl methacrylate	10.508	69	102840	52.055	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	126523	49.058	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	241271	239.278	ug/l	91
59) 2-Hexanone	10.831	43	255032	259.247	ug/l	89
60) Dibromochloromethane	10.984	129	99198	51.719	ug/l	100
61) 1,2-Dibromoethane	11.087	107	77214	49.987	ug/l	100
64) Tetrachloroethene	10.715	164	107907	50.319	ug/l	98
65) Chlorobenzene	11.514	112	263291	48.242	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	102774	50.603	ug/l	98
67) Ethyl Benzene	11.593	91	458786	48.633	ug/l	95
68) m/p-Xylenes	11.703	106	374759	100.075	ug/l	90
69) o-Xylene	12.026	106	176173	50.306	ug/l	90
70) Styrene	12.044	104	299335	50.858	ug/l	94
71) Bromoform	12.209	173	67561	52.093	ug/l #	100
73) Isopropylbenzene	12.331	105	460958	47.792	ug/l	99
74) N-amyl acetate	12.142	43	116938	46.938	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	89410	47.128	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	67243m	49.895	ug/l	
77) Bromobenzene	12.605	156	117435	49.026	ug/l	86
78) n-propylbenzene	12.672	91	544384	47.494	ug/l	96
79) 2-Chlorotoluene	12.758	91	302070	46.565	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	384339	48.080	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	31492	46.578	ug/l	88
82) 4-Chlorotoluene	12.855	91	317362	47.029	ug/l	94
83) tert-Butylbenzene	13.075	119	337162	46.935	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	382603	47.487	ug/l	96
85) sec-Butylbenzene	13.251	105	495816	47.009	ug/l	97
86) p-Isopropyltoluene	13.367	119	427479	47.920	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	229899	47.533	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	228711	46.958	ug/l	98
89) n-Butylbenzene	13.696	91	379730	46.463	ug/l	98
90) Hexachloroethane	13.959	117	79360	45.224	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	205526	47.581	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14430	45.264	ug/l	64
93) 1,2,4-Trichlorobenzene	15.007	180	132052	48.437	ug/l	100
94) Hexachlorobutadiene	15.111	225	75627	45.817	ug/l	98
95) Naphthalene	15.239	128	267422	52.331	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	118027	49.498	ug/l	99

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

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