

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009136.D
 Acq On : 06 Jun 2022 10:16
 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 : Mahesh Dadoda 06/07/2022
 Supervised By : Semsettin Yesilyurt 06/07/2022

Quant Time: Jun 07 02:28:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	132972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	222828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61351	44.830	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.660%		
35) Dibromofluoromethane	7.716	113	66008	47.637	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.280%		
50) Toluene-d8	10.179	98	210972	41.271	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	82.540%		
62) 4-Bromofluorobenzene	12.483	95	113592	55.087	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	110.180%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	58989	48.503	ug/l	100
3) Chloromethane	2.113	50	95572	54.853	ug/l	96
4) Vinyl Chloride	2.247	62	142074	55.039	ug/l	100
5) Bromomethane	2.637	94	117222	46.327	ug/l	98
6) Chloroethane	2.790	64	100645	55.035	ug/l	98
7) Trichlorofluoromethane	3.125	101	111578	50.899	ug/l	97
8) Diethyl Ether	3.527	74	35522	51.823	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.899	101	66013	48.997	ug/l	94
10) Methyl Iodide	4.082	142	74627	53.642	ug/l	94
11) Tert butyl alcohol	4.954	59	32626	235.035	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	61092	48.846	ug/l	87
13) Acrolein	3.723	56	7405	162.066	ug/l	98
14) Allyl chloride	4.472	41	97328	51.637	ug/l #	88
15) Acrylonitrile	5.155	53	99431	259.076	ug/l	99
16) Acetone	3.942	43	85978	301.817	ug/l	92
17) Carbon Disulfide	4.192	76	189943	46.486	ug/l	100
18) Methyl Acetate	4.472	43	44881	50.594	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	193413	51.522	ug/l	94
20) Methylene Chloride	4.710	84	73071	45.129	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	76997	47.964	ug/l	87
22) Diisopropyl ether	6.112	45	230757	50.959	ug/l	93
23) Vinyl Acetate	6.058	43	793145	264.791	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	135763	50.126	ug/l	99
25) 2-Butanone	6.978	43	138535	272.275	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	128814	51.630	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	88440	48.872	ug/l	89
28) Bromochloromethane	7.332	49	39449	42.435	ug/l #	89
29) Tetrahydrofuran	7.344	42	90830	262.802	ug/l #	88
30) Chloroform	7.502	83	142915	48.883	ug/l	97
31) Cyclohexane	7.783	56	119808	44.750	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	129439	48.800	ug/l	98
36) 1,1-Dichloropropene	7.917	75	109938	46.622	ug/l	98
37) Ethyl Acetate	7.070	43	60870	49.763	ug/l	96
38) Carbon Tetrachloride	7.899	117	115006	46.622	ug/l	94
39) Methylcyclohexane	9.185	83	137348	45.124	ug/l #	86
40) Benzene	8.155	78	324055	47.657	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	27556m	43.656	ug/l	
42) 1,2-Dichloroethane	8.234	62	97144	48.652	ug/l	94
43) Isopropyl Acetate	8.271	43	118289	52.008	ug/l #	94
44) Trichloroethene	8.941	130	83626	46.447	ug/l	96
45) 1,2-Dichloropropane	9.215	63	80343	49.208	ug/l	95
46) Dibromomethane	9.301	93	49516	47.695	ug/l	93
47) Bromodichloromethane	9.496	83	113316	47.759	ug/l	98
48) Methyl methacrylate	9.295	41	53429	52.608	ug/l	87
49) 1,4-Dioxane	9.295	88	13311	959.128	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	332006	263.759	ug/l	93
52) Toluene	10.246	92	226233	47.608	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	129144	51.256	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	134563	49.679	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	70048	48.227	ug/l	99
56) Ethyl methacrylate	10.508	69	93516	50.359	ug/l	88
57) 1,3-Dichloropropane	10.788	76	115293	48.660	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	181518	225.941	ug/l	97
59) 2-Hexanone	10.831	43	240259	278.777	ug/l	90
60) Dibromochloromethane	10.983	129	83641	47.504	ug/l	100
61) 1,2-Dibromoethane	11.087	107	67485	46.887	ug/l	98
64) Tetrachloroethene	10.721	164	72363	45.477	ug/l	98
65) Chlorobenzene	11.514	112	239174	47.666	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	91492	49.797	ug/l	97
67) Ethyl Benzene	11.593	91	454882	50.304	ug/l	98
68) m/p-Xylenes	11.703	106	379433	103.364	ug/l	92
69) o-Xylene	12.032	106	178292	52.303	ug/l	89
70) Styrene	12.044	104	313972	53.559	ug/l	94
71) Bromoform	12.209	173	62943	51.679	ug/l #	97
73) Isopropylbenzene	12.331	105	478574	44.893	ug/l	100
74) N-amyl acetate	12.142	43	130672	53.129	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	98132	44.687	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	88765m	57.979	ug/l	
77) Bromobenzene	12.611	156	107855	43.646	ug/l	95
78) n-propylbenzene	12.672	91	606403	49.236	ug/l	99
79) 2-Chlorotoluene	12.758	91	327509	46.100	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	422125	47.243	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	35450	47.526	ug/l	89
82) 4-Chlorotoluene	12.855	91	360795	47.482	ug/l	96
83) tert-Butylbenzene	13.075	119	365870	46.154	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	432623	48.774	ug/l	97
85) sec-Butylbenzene	13.257	105	580074	47.827	ug/l	100
86) p-Isopropyltoluene	13.373	119	500530	49.488	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	253333	48.059	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	248161	46.859	ug/l	99
89) n-Butylbenzene	13.696	91	451626	48.809	ug/l	99
90) Hexachloroethane	13.959	117	87495	46.162	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	218799	47.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14691	43.091	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	104058	40.747	ug/l	99
94) Hexachlorobutadiene	15.117	225	55964	40.208	ug/l	99
95) Naphthalene	15.239	128	212105	41.345	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	89070	40.137	ug/l	98

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

