

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009443.D
 Acq On : 05 Jul 2022 17:27
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 06 04:52:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/06/2022
 Supervised By :Mahesh Dadoda 07/06/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	170935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	255700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66326	48.444	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.880%		
35) Dibromofluoromethane	7.709	113	73695	49.087	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.180%		
50) Toluene-d8	10.172	98	223891	48.639	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	97.280%		
62) 4-Bromofluorobenzene	12.477	95	112190	51.390	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	102.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	54882	38.999	ug/l	96
3) Chloromethane	2.107	50	60588	39.569	ug/l	94
4) Vinyl Chloride	2.241	62	71882	40.581	ug/l	97
5) Bromomethane	2.637	94	45845	40.334	ug/l	95
6) Chloroethane	2.777	64	42803	45.321	ug/l	99
7) Trichlorofluoromethane	3.113	101	104202	44.341	ug/l	97
8) Diethyl Ether	3.521	74	43221	47.071	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.881	101	74255	44.080	ug/l	96
10) Methyl Iodide	4.076	142	88658	47.947	ug/l	91
11) Tert butyl alcohol	4.942	59	53006	238.449	ug/l #	95
12) 1,1-Dichloroethene	3.856	96	68615	44.654	ug/l	86
13) Acrolein	3.722	56	20858	182.534	ug/l	100
14) Allyl chloride	4.466	41	126726	45.009	ug/l	94
15) Acrylonitrile	5.149	53	124885	240.090	ug/l	98
16) Acetone	3.942	43	97133	216.022	ug/l	95
17) Carbon Disulfide	4.180	76	165362	38.687	ug/l	100
18) Methyl Acetate	4.466	43	58863	50.680	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	228136	49.506	ug/l	100
20) Methylene Chloride	4.698	84	86921	41.094	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	79418	43.170	ug/l	93
22) Diisopropyl ether	6.106	45	293409	49.380	ug/l	94
23) Vinyl Acetate	6.051	43	948959	254.944	ug/l	96
24) 1,1-Dichloroethane	6.002	63	152292	45.587	ug/l	98
25) 2-Butanone	6.978	43	171056	239.958	ug/l	94
26) 2,2-Dichloropropane	6.972	77	141138	44.638	ug/l	95
27) cis-1,2-Dichloroethene	6.972	96	99490	46.551	ug/l	92
28) Bromochloromethane	7.325	49	74403	51.868	ug/l	87
29) Tetrahydrofuran	7.338	42	114520	250.576	ug/l	92
30) Chloroform	7.496	83	162326	47.277	ug/l	99
31) Cyclohexane	7.777	56	128447	41.711	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	141307	45.957	ug/l	96
36) 1,1-Dichloropropene	7.911	75	117800	44.875	ug/l	97
37) Ethyl Acetate	7.063	43	75971	48.801	ug/l #	94
38) Carbon Tetrachloride	7.892	117	126107	45.961	ug/l	99
39) Methylcyclohexane	9.179	83	138718	44.649	ug/l	91
40) Benzene	8.155	78	350807	45.697	ug/l	96

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41) Methacrylonitrile	7.301	41	35322m	40.162	ug/l	
42) 1,2-Dichloroethane	8.228	62	104534	47.470	ug/l	90
43) Isopropyl Acetate	8.264	43	144830	50.672	ug/l	94
44) Trichloroethene	8.929	130	99278	46.544	ug/l	99
45) 1,2-Dichloropropane	9.209	63	93502	48.084	ug/l	97
46) Dibromomethane	9.295	93	52513	47.139	ug/l	96
47) Bromodichloromethane	9.490	83	126504	47.952	ug/l	99
48) Methyl methacrylate	9.288	41	63134	51.239	ug/l #	88
49) 1,4-Dioxane	9.288	88	15799	1017.416	ug/l	94
51) 4-Methyl-2-Pentanone	10.063	43	378063	256.549	ug/l	92
52) Toluene	10.239	92	227225	46.914	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	134870	51.107	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	153076	48.582	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	77628	52.377	ug/l	97
56) Ethyl methacrylate	10.502	69	107639	56.897	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	130346	49.645	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	301913	288.239	ug/l	97
59) 2-Hexanone	10.825	43	257383	252.837	ug/l	90
60) Dibromochloromethane	10.977	129	94989	50.643	ug/l	99
61) 1,2-Dibromoethane	11.081	107	74765	50.246	ug/l	100
64) Tetrachloroethene	10.715	164	110719	46.510	ug/l	98
65) Chlorobenzene	11.508	112	252621	46.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	95960	47.815	ug/l	97
67) Ethyl Benzene	11.587	91	445260	46.912	ug/l	98
68) m/p-Xylenes	11.697	106	346194	91.218	ug/l	93
69) o-Xylene	12.026	106	167724	46.829	ug/l	94
70) Styrene	12.038	104	283966	47.853	ug/l	96
71) Bromoform	12.203	173	62242	49.359	ug/l #	99
73) Isopropylbenzene	12.324	105	446877	46.825	ug/l	99
74) N-amyl acetate	12.135	43	122510	48.938	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.574	83	85426	46.209	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	60468m	39.962	ug/l	
77) Bromobenzene	12.605	156	107569	47.283	ug/l	93
78) n-propylbenzene	12.666	91	537690	46.316	ug/l	98
79) 2-Chlorotoluene	12.751	91	300751	45.896	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	368894	46.222	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	31853	46.870	ug/l	88
82) 4-Chlorotoluene	12.849	91	308249	45.266	ug/l	96
83) tert-Butylbenzene	13.068	119	338455	50.475	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	368309	48.564	ug/l	98
85) sec-Butylbenzene	13.251	105	487745	48.295	ug/l	99
86) p-Isopropyltoluene	13.367	119	405137	47.704	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	210241	46.776	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	207593	44.885	ug/l	99
89) n-Butylbenzene	13.690	91	379749	47.590	ug/l	98
90) Hexachloroethane	13.958	117	79714	47.342	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	189776	46.554	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	15283	49.327	ug/l	76
93) 1,2,4-Trichlorobenzene	15.001	180	117200	48.434	ug/l	99
94) Hexachlorobutadiene	15.111	225	64071	47.166	ug/l	99
95) Naphthalene	15.233	128	255370	52.709	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	101485	48.274	ug/l	98

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

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