

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005753.D
 Acq On : 18 Aug 2021 20:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:57:20 PM

Quant Time: Aug 19 05:19:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	179141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	277400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	256889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105446	58.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.300%	
35) Dibromofluoromethane	7.728	113	83573	53.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.620%	
50) Toluene-d8	10.185	98	338132	51.912	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.820%	
62) 4-Bromofluorobenzene	12.483	95	116145	53.846	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	73521	49.969	ug/l	96
3) Chloromethane	2.113	50	96363	54.828	ug/l	99
4) Vinyl Chloride	2.259	62	121518	57.724	ug/l	98
5) Bromomethane	2.656	94	87693	63.286	ug/l	97
6) Chloroethane	2.796	64	81916	64.464	ug/l	100
7) Trichlorofluoromethane	3.131	101	165177	58.603	ug/l	99
8) Diethyl Ether	3.540	74	62262	63.247	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	92781	60.687	ug/l	98
10) Methyl Iodide	4.101	142	103433	54.304	ug/l	100
11) Tert butyl alcohol	4.972	59	56854	317.155	ug/l	99
12) 1,1-Dichloroethene	3.881	96	91460	59.242	ug/l	97
13) Acrolein	3.741	56	26014	240.522	ug/l	100
14) Allyl chloride	4.491	41	170999	63.239	ug/l	100
15) Acrylonitrile	5.174	53	171512	339.954	ug/l	99
16) Acetone	3.960	43	137974	301.787	ug/l	98
17) Carbon Disulfide	4.204	76	261245	54.894	ug/l	99
18) Methyl Acetate	4.485	43	88482	73.999	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	314119	65.679	ug/l	100
20) Methylene Chloride	4.722	84	121030	69.105	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	105187	60.941	ug/l	98
22) Diisopropyl ether	6.131	45	330163	59.186	ug/l	99
23) Vinyl Acetate	6.070	43	1083606	291.887	ug/l	100
24) 1,1-Dichloroethane	6.027	63	178863	57.857	ug/l	99
25) 2-Butanone	6.996	43	199229	294.797	ug/l	99
26) 2,2-Dichloropropane	6.990	77	143294	50.732	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	108210	55.122	ug/l	98
28) Bromochloromethane	7.344	49	68068	55.165	ug/l	96
29) Tetrahydrofuran	7.356	42	133794	299.317	ug/l	98
30) Chloroform	7.515	83	182629	57.879	ug/l	99
31) Cyclohexane	7.795	56	150751	48.467	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	163641	56.417	ug/l	99
36) 1,1-Dichloropropene	7.923	75	132484	50.920	ug/l	99
37) Ethyl Acetate	7.082	43	88658	56.247	ug/l	98
38) Carbon Tetrachloride	7.905	117	148068	52.362	ug/l	98
39) Methylcyclohexane	9.185	83	157854	47.688	ug/l	99
40) Benzene	8.167	78	390438	52.403	ug/l	99

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41) Methacrylonitrile	7.319	41	44070m	51.530	ug/l	
42) 1,2-Dichloroethane	8.246	62	133846	55.382	ug/l	98
43) Isopropyl Acetate	8.277	43	166996	55.961	ug/l	99
44) Trichloroethene	8.941	130	105632	51.946	ug/l	96
45) 1,2-Dichloropropane	9.222	63	101903	54.670	ug/l	98
46) Dibromomethane	9.307	93	56598	54.915	ug/l	97
47) Bromodichloromethane	9.502	83	143011	55.443	ug/l	99
48) Methyl methacrylate	9.295	41	78300	58.058	ug/l	96
49) 1,4-Dioxane	9.307	88	15465	1079.669	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	474138	301.701	ug/l	98
52) Toluene	10.246	92	248109	52.225	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	152919	53.047	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	166027	53.070	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	81946	54.951	ug/l	97
56) Ethyl methacrylate	10.514	69	125172	56.057	ug/l	96
57) 1,3-Dichloropropane	10.794	76	146689	55.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	333139	312.235	ug/l	99
59) 2-Hexanone	10.837	43	331903	298.806	ug/l	99
60) Dibromochloromethane	10.983	129	101804	55.163	ug/l	100
61) 1,2-Dibromoethane	11.093	107	76455	54.124	ug/l	99
64) Tetrachloroethene	10.721	164	107104	54.774	ug/l	96
65) Chlorobenzene	11.520	112	273657	52.937	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	106119	54.541	ug/l	99
67) Ethyl Benzene	11.593	91	489072	52.174	ug/l	99
68) m/p-Xylenes	11.703	106	381570	104.803	ug/l	100
69) o-Xylene	12.032	106	183200	52.353	ug/l	99
70) Styrene	12.044	104	318529	54.077	ug/l	100
71) Bromoform	12.209	173	71104	56.354	ug/l #	99
73) Isopropylbenzene	12.331	105	483237	50.984	ug/l	100
74) N-amyl acetate	12.142	43	157526	55.211	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	99614	54.642	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	68174m	48.449	ug/l	
77) Bromobenzene	12.611	156	120164	51.603	ug/l	97
78) n-propylbenzene	12.672	91	574235	51.011	ug/l	99
79) 2-Chlorotoluene	12.758	91	325895	51.556	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	400995	50.979	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	35879	51.401	ug/l	98
82) 4-Chlorotoluene	12.855	91	336853	51.503	ug/l	99
83) tert-Butylbenzene	13.075	119	359743	50.968	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	399133	51.425	ug/l	99
85) sec-Butylbenzene	13.251	105	521642	51.239	ug/l	99
86) p-Isopropyltoluene	13.367	119	440719	50.422	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	232950	51.268	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	229517	50.919	ug/l	99
89) n-Butylbenzene	13.696	91	396513	50.074	ug/l	99
90) Hexachloroethane	13.959	117	82760	52.665	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	211366	52.664	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19466	56.327	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	140522	50.970	ug/l	99
94) Hexachlorobutadiene	15.111	225	89671	50.232	ug/l	99
95) Naphthalene	15.233	128	302343	55.631	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	129866	53.169	ug/l	100

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

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