

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
 Data File : VY005527.D
 Acq On : 04 Aug 2021 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:40:12 PM

Quant Time: Aug 05 06:36:26 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	265270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	378109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	339067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122265	45.533	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.060%		
35) Dibromofluoromethane	7.722	113	103101	48.703	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.400%		
50) Toluene-d8	10.185	98	436956	49.216	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.483	95	140731	47.867	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	98205	45.074	ug/l	98
3) Chloromethane	2.119	50	120201	46.186	ug/l	98
4) Vinyl Chloride	2.259	62	147470	47.307	ug/l	98
5) Bromomethane	2.662	94	101137	49.290	ug/l	97
6) Chloroethane	2.802	64	93396	49.635	ug/l	97
7) Trichlorofluoromethane	3.137	101	216093	51.774	ug/l	98
8) Diethyl Ether	3.540	74	68632	47.081	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.912	101	120160	53.076	ug/l	99
10) Methyl Iodide	4.101	142	142322	50.460	ug/l	98
11) Tert butyl alcohol	4.966	59	51240	193.031	ug/l	99
12) 1,1-Dichloroethene	3.881	96	120844	52.860	ug/l	99
13) Acrolein	3.741	56	37786	235.931	ug/l	97
14) Allyl chloride	4.491	41	207957	51.936	ug/l	99
15) Acrylonitrile	5.174	53	164583	220.302	ug/l	100
16) Acetone	3.960	43	185710	274.312	ug/l	97
17) Carbon Disulfide	4.204	76	360430	51.146	ug/l	99
18) Methyl Acetate	4.491	43	72799	41.115	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	316401	44.676	ug/l	97
20) Methylene Chloride	4.729	84	150885	57.088	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	123478	48.311	ug/l	97
22) Diisopropyl ether	6.125	45	364626	44.141	ug/l	96
23) Vinyl Acetate	6.070	43	1160438	211.092	ug/l	99
24) 1,1-Dichloroethane	6.027	63	209383	45.739	ug/l	100
25) 2-Butanone	6.990	43	203600	203.449	ug/l	98
26) 2,2-Dichloropropane	6.990	77	202797	48.487	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	130740	44.975	ug/l	98
28) Bromochloromethane	7.344	49	78835	43.147	ug/l	98
29) Tetrahydrofuran	7.356	42	121039	182.864	ug/l	99
30) Chloroform	7.515	83	215361	46.092	ug/l	99
31) Cyclohexane	7.789	56	200365	43.502	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	203872	47.466	ug/l	99
36) 1,1-Dichloropropene	7.923	75	168084	47.396	ug/l	100
37) Ethyl Acetate	7.082	43	82187	38.254	ug/l	98
38) Carbon Tetrachloride	7.905	117	192277	49.885	ug/l	99
39) Methylcyclohexane	9.185	83	215121	47.678	ug/l	100
40) Benzene	8.167	78	473571	46.632	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	58747m	50.396	ug/l	
42) 1,2-Dichloroethane	8.240	62	148163	44.977	ug/l	99
43) Isopropyl Acetate	8.277	43	165736	40.746	ug/l	99
44) Trichloroethene	8.947	130	132630	47.851	ug/l	98
45) 1,2-Dichloropropane	9.222	63	117054	46.072	ug/l	99
46) Dibromomethane	9.313	93	61457	43.747	ug/l	100
47) Bromodichloromethane	9.502	83	162960	46.350	ug/l	100
48) Methyl methacrylate	9.295	41	76342	41.529	ug/l	97
49) 1,4-Dioxane	9.307	88	15837	811.153	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	426956	199.317	ug/l	99
52) Toluene	10.246	92	309272	47.760	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	176561	44.935	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	197075	46.216	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	88626	43.601	ug/l	96
56) Ethyl methacrylate	10.514	69	129288	42.478	ug/l	99
57) 1,3-Dichloropropane	10.795	76	156840	43.756	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	332046	228.320	ug/l	99
59) 2-Hexanone	10.837	43	313558	207.102	ug/l	100
60) Dibromochloromethane	10.990	129	112647	44.781	ug/l	98
61) 1,2-Dibromoethane	11.093	107	83902	43.576	ug/l	99
64) Tetrachloroethene	10.721	164	125486	48.621	ug/l	98
65) Chlorobenzene	11.520	112	330738	48.473	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	123588	48.125	ug/l	99
67) Ethyl Benzene	11.593	91	604363	48.847	ug/l	99
68) m/p-Xylenes	11.703	106	469989	97.802	ug/l	99
69) o-Xylene	12.032	106	225070	48.729	ug/l	100
70) Styrene	12.044	104	376828	48.470	ug/l	99
71) Bromoform	12.215	173	75627	45.411	ug/l #	99
73) Isopropylbenzene	12.331	105	607453	49.688	ug/l	99
74) N-amyl acetate	12.148	43	156439	42.509	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	99430	42.286	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	86735m	47.789	ug/l	
77) Bromobenzene	12.611	156	141709	47.180	ug/l	99
78) n-propylbenzene	12.672	91	718380	49.476	ug/l	100
79) 2-Chlorotoluene	12.758	91	396317	48.608	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	501395	49.419	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	38313	42.554	ug/l	98
82) 4-Chlorotoluene	12.855	91	404992	48.007	ug/l	99
83) tert-Butylbenzene	13.081	119	452649	49.720	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	493356	49.281	ug/l	99
85) sec-Butylbenzene	13.258	105	648224	49.365	ug/l	99
86) p-Isopropyltoluene	13.373	119	557601	49.460	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	283703	48.408	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	278231	47.856	ug/l	100
89) n-Butylbenzene	13.703	91	506741	49.614	ug/l	100
90) Hexachloroethane	13.965	117	100025	49.349	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	245555	47.435	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17968	40.310	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	172097	48.396	ug/l	99
94) Hexachlorobutadiene	15.117	225	116291	50.506	ug/l	98
95) Naphthalene	15.239	128	307560	43.875	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	149738	47.529	ug/l	100

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

