

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112321\
 Data File : VY006875.D
 Acq On : 23 Nov 2021 18:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/25/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 24 02:05:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	100926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	154004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	145724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	68178	51.542	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.080%	
35) Dibromofluoromethane	7.728	113	49275	52.090	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.180%	
50) Toluene-d8	10.185	98	206306	52.703	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.400%	
62) 4-Bromofluorobenzene	12.483	95	72150	54.673	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.340%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	48263	49.795	ug/l	98
3) Chloromethane	2.119	50	73921	50.697	ug/l	97
4) Vinyl Chloride	2.259	62	72944	49.274	ug/l	98
5) Bromomethane	2.662	94	45782	58.040	ug/l	100
6) Chloroethane	2.802	64	43069	47.556	ug/l	97
7) Trichlorofluoromethane	3.137	101	104023	56.070	ug/l	98
8) Diethyl Ether	3.534	74	32593	52.750	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.918	101	51656	52.426	ug/l	99
10) Methyl Iodide	4.107	142	64986	52.763	ug/l	99
11) Tert butyl alcohol	4.966	59	26159	131.501	ug/l	98
12) 1,1-Dichloroethene	3.887	96	51222	52.416	ug/l	93
13) Acrolein	3.741	56	19052	684.636	ug/l	99
14) Allyl chloride	4.497	41	115558	52.499	ug/l	98
15) Acrylonitrile	5.180	53	82961	232.784	ug/l	100
16) Acetone	3.954	43	94547	235.256	ug/l	97
17) Carbon Disulfide	4.210	76	173317	50.245	ug/l	100
18) Methyl Acetate	4.491	43	67290	51.723	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	148735	48.286	ug/l	98
20) Methylene Chloride	4.734	84	58217	48.447	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	53769	48.163	ug/l	99
22) Diisopropyl ether	6.131	45	208557	48.021	ug/l	98
23) Vinyl Acetate	6.070	43	611493	233.167	ug/l	98
24) 1,1-Dichloroethane	6.033	63	105607	47.640	ug/l	98
25) 2-Butanone	6.996	43	117911	203.993	ug/l	98
26) 2,2-Dichloropropane	6.996	77	99428	49.637	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	61598	48.854	ug/l	97
28) Bromochloromethane	7.344	49	50550	48.478	ug/l	94
29) Tetrahydrofuran	7.356	42	72647	217.821	ug/l	97
30) Chloroform	7.521	83	106165	49.818	ug/l	94
31) Cyclohexane	7.795	56	102539	44.105	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	98321	50.063	ug/l	99
36) 1,1-Dichloropropene	7.929	75	82433	49.245	ug/l	99
37) Ethyl Acetate	7.082	43	49615	44.331	ug/l	100
38) Carbon Tetrachloride	7.911	117	88857	51.897	ug/l	97
39) Methylcyclohexane	9.191	83	94187	46.135	ug/l	96
40) Benzene	8.167	78	234842	49.835	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	33994m	36.174	ug/l	
42) 1,2-Dichloroethane	8.246	62	81380	51.836	ug/l	99
43) Isopropyl Acetate	8.283	43	96636	46.030	ug/l	98
44) Trichloroethene	8.947	130	56940	49.669	ug/l	99
45) 1,2-Dichloropropane	9.222	63	59431	48.881	ug/l	95
46) Dibromomethane	9.313	93	31113	49.132	ug/l	98
47) Bromodichloromethane	9.502	83	82435	51.261	ug/l	99
48) Methyl methacrylate	9.301	41	45866	46.111	ug/l	97
49) 1,4-Dioxane	9.301	88	7386	1016.487	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	258452	233.712	ug/l	97
52) Toluene	10.252	92	144700	50.567	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	86566	49.522	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	96749	49.350	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	43220	51.124	ug/l	97
56) Ethyl methacrylate	10.514	69	64936	49.417	ug/l	99
57) 1,3-Dichloropropane	10.794	76	77829	50.452	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	170378	236.819	ug/l	99
59) 2-Hexanone	10.837	43	183111	227.972	ug/l	99
60) Dibromochloromethane	10.989	129	52241	50.412	ug/l	100
61) 1,2-Dibromoethane	11.093	107	39100	49.921	ug/l	99
64) Tetrachloroethene	10.727	164	51110	47.997	ug/l	99
65) Chlorobenzene	11.520	112	147711	49.823	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	55557	50.109	ug/l	98
67) Ethyl Benzene	11.599	91	285542	50.812	ug/l	99
68) m/p-Xylenes	11.709	106	217129	101.382	ug/l	98
69) o-Xylene	12.032	106	106259	52.373	ug/l	98
70) Styrene	12.050	104	182391	53.229	ug/l	99
71) Bromoform	12.215	173	35949	53.569	ug/l #	98
73) Isopropylbenzene	12.337	105	286217	48.971	ug/l	100
74) N-amyl acetate	12.148	43	78721	37.983	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	45411	41.993	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	35916m	43.043	ug/l	
77) Bromobenzene	12.611	156	69884	52.502	ug/l	87
78) n-propylbenzene	12.672	91	334707	46.976	ug/l	97
79) 2-Chlorotoluene	12.757	91	187322	48.043	ug/l	97
80) 1,3,5-Trimethylbenzene	12.818	105	236492	49.370	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	18684	44.368	ug/l	98
82) 4-Chlorotoluene	12.861	91	195917	48.068	ug/l	97
83) tert-Butylbenzene	13.081	119	211238	50.772	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	238713	49.913	ug/l	100
85) sec-Butylbenzene	13.257	105	299557	48.348	ug/l	98
86) p-Isopropyltoluene	13.373	119	257462	49.087	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	132981	50.166	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	127515	48.746	ug/l	100
89) n-Butylbenzene	13.702	91	232798	47.038	ug/l	99
90) Hexachloroethane	13.965	117	43457	45.975	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	117589	51.471	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7886	41.255	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	62916	42.096	ug/l	99
94) Hexachlorobutadiene	15.117	225	40545	41.576	ug/l	100
95) Naphthalene	15.239	128	115266	41.691	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	52580	42.219	ug/l	99

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

