

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004572.D
 Acq On : 22 Apr 2021 09:43
 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
 4/23/2021 6:11:38 PM

Quant Time: Apr 23 09:16:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	139639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	223614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	199491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	91103	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	84444	54.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.86%	
35) Dibromofluoromethane	7.734	113	67347	54.27	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.54%	
50) Toluene-d8	10.185	98	285724	54.13	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.26%	
62) 4-Bromofluorobenzene	12.489	95	91955	51.34	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.68%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	62839	48.57	ug/l	97
3) Chloromethane	2.125	50	94608	50.57	ug/l	98
4) Vinyl Chloride	2.265	62	96541	48.86	ug/l	98
5) Bromomethane	2.668	94	49102	50.94	ug/l	99
6) Chloroethane	2.808	64	60035	50.68	ug/l	98
7) Trichlorofluoromethane	3.143	101	121972	49.36	ug/l	97
8) Diethyl Ether	3.546	74	40739	48.78	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.918	101	69247	50.52	ug/l	99
10) Methyl Iodide	4.113	142	72847	44.41	ug/l	99
11) Tert butyl alcohol	4.991	59	32655	213.57	ug/l	99
12) 1,1-Dichloroethene	3.893	96	66377	48.97	ug/l	96
13) Acrolein	3.747	56	45453	267.42	ug/l	98
14) Allyl chloride	4.497	41	131190	50.61	ug/l	99
15) Acrylonitrile	5.186	53	114026	254.48	ug/l	99
16) Acetone	3.966	43	70493	211.08	ug/l	96
17) Carbon Disulfide	4.210	76	208457	49.95	ug/l	99
18) Methyl Acetate	4.497	43	55443	51.31	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	202890	49.82	ug/l	97
20) Methylene Chloride	4.741	84	75694	50.51	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	76373	49.80	ug/l	100
22) Diisopropyl ether	6.137	45	283865	51.80	ug/l	98
23) Vinyl Acetate	6.082	43	962607	258.05	ug/l	98
24) 1,1-Dichloroethane	6.039	63	143974	51.43	ug/l	100
25) 2-Butanone	7.008	43	137178	232.11	ug/l	97
26) 2,2-Dichloropropane	7.002	77	130589	51.99	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	86243	50.26	ug/l	98
28) Bromochloromethane	7.350	49	71701	56.36	ug/l	98
29) Tetrahydrofuran	7.362	42	105768	250.49	ug/l	98
30) Chloroform	7.521	83	140774	51.17	ug/l	99
31) Cyclohexane	7.795	56	139379	49.00	ug/l	93
32) 1,1,1-Trichloroethane	7.716	97	127073	50.91	ug/l	100
36) 1,1-Dichloropropene	7.929	75	112776	50.75	ug/l	99
37) Ethyl Acetate	7.094	43	73794	51.57	ug/l	96
38) Carbon Tetrachloride	7.911	117	104928	54.63	ug/l	99
39) Methylcyclohexane	9.191	83	136720	49.98	ug/l	98
40) Benzene	8.173	78	321735	51.52	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	38547m	44.45	ug/l	
42) 1,2-Dichloroethane	8.252	62	100078	51.09	ug/l	100
43) Isopropyl Acetate	8.283	43	140616	51.84	ug/l	100
44) Trichloroethene	8.947	130	85779	50.38	ug/l	94
45) 1,2-Dichloropropane	9.228	63	84634	52.51	ug/l	99
46) Dibromomethane	9.313	93	44782	51.04	ug/l	98
47) Bromodichloromethane	9.508	83	111111	52.31	ug/l	99
48) Methyl methacrylate	9.301	41	66535	53.26	ug/l	97
49) 1,4-Dioxane	9.313	88	10177	888.11	ug/l	98
51) 4-Methyl-2-Pentanone	10.081	43	374365	268.67	ug/l	98
52) Toluene	10.252	92	200958	49.73	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	119716	51.10	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	136666	51.36	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	61863	51.17	ug/l	98
56) Ethyl methacrylate	10.514	69	90070	51.37	ug/l	96
57) 1,3-Dichloropropane	10.800	76	111763	51.80	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	249169	277.77	ug/l	97
59) 2-Hexanone	10.837	43	244061	261.29	ug/l	98
60) Dibromochloromethane	10.996	129	73643	51.26	ug/l	100
61) 1,2-Dibromoethane	11.099	107	59466	51.02	ug/l	98
64) Tetrachloroethene	10.727	164	90281	51.98	ug/l	99
65) Chlorobenzene	11.520	112	203932	50.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	74822	51.49	ug/l	99
67) Ethyl Benzene	11.599	91	386855	50.79	ug/l	98
68) m/p-Xylenes	11.709	106	285784	100.97	ug/l	100
69) o-Xylene	12.038	106	133670	50.40	ug/l	100
70) Styrene	12.050	104	223106	50.78	ug/l	99
71) Bromoform	12.215	173	42991	49.89	ug/l #	100
73) Isopropylbenzene	12.337	105	362965	51.56	ug/l	100
74) N-amyl acetate	12.148	43	124381	52.48	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	68222	51.22	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	47371m	48.45	ug/l	
77) Bromobenzene	12.617	156	79802	50.57	ug/l	100
78) n-propylbenzene	12.678	91	435494	52.36	ug/l	99
79) 2-Chlorotoluene	12.764	91	232292	51.07	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	299580	52.36	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	28185	51.57	ug/l #	77
82) 4-Chlorotoluene	12.861	91	245673	51.15	ug/l	100
83) tert-Butylbenzene	13.081	119	249123	50.87	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	297961	51.60	ug/l	100
85) sec-Butylbenzene	13.257	105	354428	51.88	ug/l	99
86) p-Isopropyltoluene	13.373	119	322272	51.86	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	148903	50.52	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	149610	50.43	ug/l	99
89) n-Butylbenzene	13.702	91	309175	52.12	ug/l	99
90) Hexachloroethane	13.965	117	48089	57.68	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	130813	50.00	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	11304	47.30	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	83216	48.11	ug/l	99
94) Hexachlorobutadiene	15.117	225	44874	49.69	ug/l	99
95) Naphthalene	15.245	128	179525	47.74	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	72023	47.20	ug/l	99

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

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