

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY004983.D
 Acq On : 07 Jun 2021 10:52
 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
 6/8/2021 2:58:47 PM

Quant Time: Jun 08 02:07:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	250217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	406293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	362906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	131423	49.683	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.360%		
35) Dibromofluoromethane	7.722	113	111260	50.899	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.800%		
50) Toluene-d8	10.185	98	473248	52.129	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.260%		
62) 4-Bromofluorobenzene	12.483	95	155460	49.792	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.580%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	115228	50.713	ug/l	99
3) Chloromethane	2.119	50	159241	51.327	ug/l	99
4) Vinyl Chloride	2.259	62	155089	51.959	ug/l	99
5) Bromomethane	2.656	94	83596	49.416	ug/l	96
6) Chloroethane	2.802	64	92423	51.768	ug/l	99
7) Trichlorofluoromethane	3.131	101	216987	51.398	ug/l	97
8) Diethyl Ether	3.534	74	83801	51.125	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.906	101	134029	52.051	ug/l	100
10) Methyl Iodide	4.101	142	133120	54.156	ug/l	98
11) Tert butyl alcohol	4.966	59	67828	222.966	ug/l	98
12) 1,1-Dichloroethene	3.881	96	130906	50.907	ug/l	97
13) Acrolein	3.741	56	81081	300.351	ug/l	100
14) Allyl chloride	4.491	41	244973	52.250	ug/l	100
15) Acrylonitrile	5.174	53	206230	267.555	ug/l	98
16) Acetone	3.960	43	141321	221.932	ug/l	99
17) Carbon Disulfide	4.204	76	402322	50.877	ug/l	99
18) Methyl Acetate	4.485	43	105756	51.826	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	342270	51.707	ug/l	97
20) Methylene Chloride	4.729	84	154934	50.631	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	145737	50.489	ug/l	95
22) Diisopropyl ether	6.125	45	458527	53.274	ug/l	99
23) Vinyl Acetate	6.070	43	1703162	271.981	ug/l	99
24) 1,1-Dichloroethane	6.027	63	270318	52.184	ug/l	99
25) 2-Butanone	6.996	43	275835	257.608	ug/l	100
26) 2,2-Dichloropropane	6.990	77	231760	52.934	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	161399	51.025	ug/l	98
28) Bromochloromethane	7.344	49	115207	49.785	ug/l	96
29) Tetrahydrofuran	7.356	42	187682	275.603	ug/l	98
30) Chloroform	7.515	83	255683	52.052	ug/l	99
31) Cyclohexane	7.789	56	238087	51.121	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	227710	52.847	ug/l	99
36) 1,1-Dichloropropene	7.923	75	212394	53.415	ug/l	99
37) Ethyl Acetate	7.082	43	138533	52.965	ug/l	99
38) Carbon Tetrachloride	7.905	117	191719	55.402	ug/l	99
39) Methylcyclohexane	9.185	83	241291	54.936	ug/l	98
40) Benzene	8.167	78	611307	53.731	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	75653	52.614	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	173779	52.908	ug/l	100
43) Isopropyl Acetate	8.277	43	255457	54.402	ug/l	100
44) Trichloroethene	8.941	130	160650	53.951	ug/l	95
45) 1,2-Dichloropropane	9.222	63	160237	53.813	ug/l	99
46) Dibromomethane	9.307	93	83891	52.752	ug/l	98
47) Bromodichloromethane	9.502	83	202349	54.197	ug/l	98
48) Methyl methacrylate	9.295	41	117112	54.814	ug/l	99
49) 1,4-Dioxane	9.307	88	19697	1025.907	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	688599	279.731	ug/l	100
52) Toluene	10.246	92	375869	54.598	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	225855	54.655	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	258461	55.051	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	120844	54.671	ug/l	97
56) Ethyl methacrylate	10.514	69	179728	56.796	ug/l	98
57) 1,3-Dichloropropane	10.794	76	214168	54.451	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	413056	258.293	ug/l	100
59) 2-Hexanone	10.837	43	469287	282.045	ug/l	100
60) Dibromochloromethane	10.990	129	139536	55.500	ug/l	99
61) 1,2-Dibromoethane	11.093	107	115546	54.504	ug/l	99
64) Tetrachloroethene	10.721	164	164283	54.137	ug/l	97
65) Chlorobenzene	11.520	112	388100	53.975	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	139058	54.249	ug/l	99
67) Ethyl Benzene	11.593	91	728788	54.845	ug/l	100
68) m/p-Xylenes	11.703	106	544720	109.410	ug/l	100
69) o-Xylene	12.032	106	253444	54.665	ug/l	99
70) Styrene	12.044	104	428485	55.470	ug/l	99
71) Bromoform	12.209	173	83588	55.306	ug/l	98
73) Isopropylbenzene	12.331	105	690950	54.955	ug/l	99
74) N-amyl acetate	12.148	43	226709	55.887	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	137859	54.621	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	99605m	54.592	ug/l	
77) Bromobenzene	12.611	156	151352	53.876	ug/l	98
78) n-propylbenzene	12.672	91	848840	56.010	ug/l	100
79) 2-Chlorotoluene	12.758	91	453915	53.727	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	568652	54.823	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	55320	55.721	ug/l #	76
82) 4-Chlorotoluene	12.855	91	468923	54.316	ug/l	100
83) tert-Butylbenzene	13.075	119	492757	56.161	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	565544	54.863	ug/l	99
85) sec-Butylbenzene	13.257	105	717689	56.185	ug/l	100
86) p-Isopropyltoluene	13.373	119	614652	56.095	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	289711	54.174	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	287368	53.878	ug/l	99
89) n-Butylbenzene	13.696	91	603608	57.274	ug/l	99
90) Hexachloroethane	13.959	117	91077	56.001	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	259103	54.836	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	22867	54.719	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	162495	54.761	ug/l	99
94) Hexachlorobutadiene	15.111	225	87628	55.972	ug/l	99
95) Naphthalene	15.239	128	371291	56.916	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	144112	55.167	ug/l	99

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

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