

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090121\
 Data File : VY005934.D
 Acq On : 01 Sep 2021 16:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/7/2021 4:41:04 PM

Quant Time: Sep 02 11:41:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	248253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	378396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	353585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	187412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	136150	54.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.840%	
35) Dibromofluoromethane	7.722	113	106365	50.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.100%	
50) Toluene-d8	10.185	98	449708	50.424	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	12.483	95	153282	51.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.360%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	107649	48.564	ug/l	98
3) Chloromethane	2.119	50	128047	54.541	ug/l	99
4) Vinyl Chloride	2.253	62	162262	53.174	ug/l	98
5) Bromomethane	2.656	94	118504	57.558	ug/l	95
6) Chloroethane	2.796	64	104129	57.067	ug/l	99
7) Trichlorofluoromethane	3.131	101	208014	53.366	ug/l	97
8) Diethyl Ether	3.534	74	79638	60.020	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	110914	52.844	ug/l	98
10) Methyl Iodide	4.100	142	110826	42.016	ug/l	100
11) Tert butyl alcohol	4.960	59	102161	207.668	ug/l	99
12) 1,1-Dichloroethene	3.881	96	117853	55.303	ug/l	97
13) Acrolein	3.735	56	21636	274.567	ug/l	96
14) Allyl chloride	4.491	41	187023	52.184	ug/l	99
15) Acrylonitrile	5.173	53	177225	264.111	ug/l	100
16) Acetone	3.954	43	152852	239.619	ug/l	98
17) Carbon Disulfide	4.198	76	333529	49.000	ug/l	100
18) Methyl Acetate	4.485	43	95778	54.080	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	343171	53.641	ug/l	96
20) Methylene Chloride	4.722	84	140960	58.834	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	120401	50.636	ug/l	96
22) Diisopropyl ether	6.125	45	395056	54.253	ug/l	96
23) Vinyl Acetate	6.070	43	1188742	269.008	ug/l	99
24) 1,1-Dichloroethane	6.027	63	218063	52.498	ug/l	99
25) 2-Butanone	6.990	43	232304	257.783	ug/l	99
26) 2,2-Dichloropropane	6.990	77	186187	47.909	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	139061	52.047	ug/l	98
28) Bromochloromethane	7.344	49	98265	57.386	ug/l	95
29) Tetrahydrofuran	7.356	42	156058	267.270	ug/l	99
30) Chloroform	7.515	83	223855	52.518	ug/l	96
31) Cyclohexane	7.789	56	200701	47.565	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	202520	51.029	ug/l	98
36) 1,1-Dichloropropene	7.923	75	168975	47.429	ug/l	100
37) Ethyl Acetate	7.076	43	106575	49.950	ug/l	98
38) Carbon Tetrachloride	7.905	117	184463	47.768	ug/l	99
39) Methylcyclohexane	9.185	83	212671	47.130	ug/l	97
40) Benzene	8.167	78	502067	49.880	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	63972m	53.841	ug/l	
42) 1,2-Dichloroethane	8.240	62	166164	50.822	ug/l	99
43) Isopropyl Acetate	8.277	43	198531	51.229	ug/l	100
44) Trichloroethene	8.941	130	136735	48.440	ug/l	99
45) 1,2-Dichloropropane	9.222	63	125380	50.766	ug/l	99
46) Dibromomethane	9.307	93	71030	49.976	ug/l	99
47) Bromodichloromethane	9.502	83	175406	50.782	ug/l	99
48) Methyl methacrylate	9.295	41	92025	51.665	ug/l	98
49) 1,4-Dioxane	9.301	88	19576	1000.100	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	539990	258.607	ug/l	99
52) Toluene	10.246	92	320222	49.363	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	194121	50.685	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	210116	50.001	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	101496	49.857	ug/l	97
56) Ethyl methacrylate	10.514	69	154696	52.499	ug/l	99
57) 1,3-Dichloropropane	10.794	76	181725	51.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	403438	265.251	ug/l	100
59) 2-Hexanone	10.837	43	378656	259.570	ug/l	100
60) Dibromochloromethane	10.989	129	127565	51.040	ug/l	100
61) 1,2-Dibromoethane	11.087	107	98594	50.843	ug/l	100
64) Tetrachloroethene	10.721	164	137003	47.322	ug/l	99
65) Chlorobenzene	11.520	112	352999	49.756	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	132477	49.880	ug/l	100
67) Ethyl Benzene	11.593	91	633571	49.956	ug/l	100
68) m/p-Xylenes	11.703	106	493536	98.683	ug/l	99
69) o-Xylene	12.032	106	239592	51.027	ug/l	98
70) Styrene	12.044	104	409058	51.074	ug/l	100
71) Bromoform	12.209	173	87777	50.129	ug/l #	100
73) Isopropylbenzene	12.331	105	614466	49.191	ug/l	100
74) N-amyl acetate	12.142	43	185014	51.624	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	120040	50.496	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	84058m	47.921	ug/l	
77) Bromobenzene	12.611	156	155581	49.448	ug/l	100
78) n-propylbenzene	12.672	91	742885	49.762	ug/l	100
79) 2-Chlorotoluene	12.757	91	415142	49.952	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	522213	49.898	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	45004	48.793	ug/l	97
82) 4-Chlorotoluene	12.855	91	440278	50.494	ug/l	97
83) tert-Butylbenzene	13.074	119	454277	49.660	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	523136	50.392	ug/l	100
85) sec-Butylbenzene	13.251	105	669529	49.659	ug/l	100
86) p-Isopropyltoluene	13.367	119	577063	49.395	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	306014	49.987	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	301114	49.241	ug/l	99
89) n-Butylbenzene	13.696	91	520430	49.789	ug/l	99
90) Hexachloroethane	13.958	117	106110	50.049	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	268857	49.529	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22432	50.312	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	183943	50.200	ug/l	99
94) Hexachlorobutadiene	15.111	225	114144	48.359	ug/l	99
95) Naphthalene	15.233	128	365175	51.874	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	163767	51.193	ug/l	100

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

