

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062221\
 Data File : VY005197.D
 Acq On : 22 Jun 2021 14:54
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062221

Manual Integrations
 APPROVED

MMDadoda
 6/23/2021 5:30:34 PM

Quant Time: Jun 23 08:00:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	344542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	480389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	435352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	220748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	148738	52.021	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.040%			
35) Dibromofluoromethane	7.728	113	147946	52.220	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.440%			
50) Toluene-d8	10.185	98	601640	53.102	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.200%			
62) 4-Bromofluorobenzene	12.483	95	197809	52.394	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	112030	49.450	ug/l	99
3) Chloromethane	2.119	50	140803	46.665	ug/l	98
4) Vinyl Chloride	2.259	62	171201	49.626	ug/l	97
5) Bromomethane	2.655	94	108048	49.379	ug/l	98
6) Chloroethane	2.802	64	109587	48.577	ug/l	99
7) Trichlorofluoromethane	3.131	101	237450	51.487	ug/l	100
8) Diethyl Ether	3.539	74	86961	50.403	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.911	101	147264	52.156	ug/l	99
10) Methyl Iodide	4.100	142	203830	50.748	ug/l	100
11) Tert butyl alcohol	4.972	59	84576	238.515	ug/l	100
12) 1,1-Dichloroethene	3.881	96	145995	51.179	ug/l	100
13) Acrolein	3.741	56	38543	274.344	ug/l	87
14) Allyl chloride	4.490	41	209738	51.185	ug/l	99
15) Acrylonitrile	5.179	53	205604	256.539	ug/l	100
16) Acetone	3.960	43	174534	264.240	ug/l	98
17) Carbon Disulfide	4.204	76	455594	50.778	ug/l	100
18) Methyl Acetate	4.490	43	84980	48.411	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	402756	51.640	ug/l	100
20) Methylene Chloride	4.728	84	172005	49.156	ug/l	99
21) trans-1,2-Dichloroethene	5.234	96	164699	51.851	ug/l	97
22) Diisopropyl ether	6.130	45	433657	50.910	ug/l	99
23) Vinyl Acetate	6.076	43	1432535	259.878	ug/l	99
24) 1,1-Dichloroethane	6.033	63	267748	50.646	ug/l	99
25) 2-Butanone	7.002	43	254557	264.302	ug/l	100
26) 2,2-Dichloropropane	6.990	77	239302	51.908	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	183817	51.454	ug/l	100
28) Bromochloromethane	7.344	49	104948	49.616	ug/l	100
29) Tetrahydrofuran	7.362	42	163534	258.072	ug/l	100
30) Chloroform	7.514	83	274443	51.013	ug/l	98
31) Cyclohexane	7.789	56	256499	50.250	ug/l	97
32) 1,1,1-Trichloroethane	7.709	97	248872	51.867	ug/l	100
36) 1,1-Dichloropropene	7.923	75	220034	52.016	ug/l	100
37) Ethyl Acetate	7.081	43	111347	51.044	ug/l	99
38) Carbon Tetrachloride	7.911	117	230455	52.044	ug/l	99
39) Methylcyclohexane	9.191	83	293893	53.683	ug/l	99
40) Benzene	8.167	78	644221	51.647	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.331	41	65294m	53.971	ug/l	
42) 1,2-Dichloroethane	8.246	62	174321	51.453	ug/l	100
43) Isopropyl Acetate	8.282	43	206976	51.620	ug/l	99
44) Trichloroethene	8.947	130	183543	52.046	ug/l	97
45) 1,2-Dichloropropane	9.221	63	153846	51.545	ug/l	99
46) Dibromomethane	9.313	93	88922	51.229	ug/l	99
47) Bromodichloromethane	9.502	83	210421	51.700	ug/l	98
48) Methyl methacrylate	9.301	41	91516	52.026	ug/l	99
49) 1,4-Dioxane	9.307	88	23017	1008.361	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	544350	259.382	ug/l	99
52) Toluene	10.246	92	413768	51.897	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	231706	52.007	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	262744	52.310	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	130156	51.346	ug/l	99
56) Ethyl methacrylate	10.514	69	182654	53.082	ug/l	99
57) 1,3-Dichloropropane	10.794	76	219623	51.729	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	371663	244.889	ug/l	100
59) 2-Hexanone	10.837	43	379193	262.704	ug/l	99
60) Dibromochloromethane	10.989	129	161685	52.070	ug/l	99
61) 1,2-Dibromoethane	11.093	107	127035	51.519	ug/l	99
64) Tetrachloroethene	10.721	164	167972	52.285	ug/l	99
65) Chlorobenzene	11.520	112	447473	51.857	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	168613	52.647	ug/l	98
67) Ethyl Benzene	11.593	91	783289	52.643	ug/l	100
68) m/p-Xylenes	11.703	106	630458	105.758	ug/l	99
69) o-Xylene	12.032	106	297730	52.743	ug/l	99
70) Styrene	12.044	104	504662	53.170	ug/l	100
71) Bromoform	12.209	173	114892	52.720	ug/l	100
73) Isopropylbenzene	12.330	105	772860	53.980	ug/l	100
74) N-amyl acetate	12.148	43	178705	52.739	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	148346	52.582	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	103680m	52.958	ug/l	
77) Bromobenzene	12.611	156	199544	52.522	ug/l	99
78) n-propylbenzene	12.672	91	909744	53.886	ug/l	100
79) 2-Chlorotoluene	12.757	91	506400	53.172	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	641045	54.122	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	56863	54.190	ug/l	98
82) 4-Chlorotoluene	12.861	91	519261	52.701	ug/l	100
83) tert-Butylbenzene	13.080	119	589297	55.808	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	630073	53.807	ug/l	99
85) sec-Butylbenzene	13.257	105	838871	54.606	ug/l	100
86) p-Isopropyltoluene	13.373	119	723348	54.573	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	379694	52.347	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	375518	52.353	ug/l	99
89) n-Butylbenzene	13.696	91	627900	53.926	ug/l	100
90) Hexachloroethane	13.964	117	129543	54.103	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	337034	52.415	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	24072	51.224	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	238095	52.536	ug/l	100
94) Hexachlorobutadiene	15.117	225	151111	53.277	ug/l	99
95) Naphthalene	15.239	128	444008	53.081	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	210590	52.762	ug/l	100

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

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