

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005199.D
 Acq On : 24 Jun 2021 10:05
 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
 6/25/2021 4:36:02 PM

Quant Time: Jun 25 04:31:03 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	7.795	168	312317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	426304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	386647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	196254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	125570	48.449	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.900%		
35) Dibromofluoromethane	7.728	113	128577	51.141	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.280%		
50) Toluene-d8	10.185	98	526715	52.387	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.780%		
62) 4-Bromofluorobenzene	12.483	95	169922	50.717	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	109551	53.345	ug/l	98
3) Chloromethane	2.119	50	143197	52.355	ug/l	97
4) Vinyl Chloride	2.259	62	172784	55.253	ug/l	98
5) Bromomethane	2.662	94	111848	56.390	ug/l	98
6) Chloroethane	2.802	64	103722	50.721	ug/l	97
7) Trichlorofluoromethane	3.137	101	235819	56.409	ug/l	100
8) Diethyl Ether	3.540	74	83026	53.088	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.911	101	147081	57.467	ug/l	99
10) Methyl Iodide	4.107	142	198327	54.473	ug/l	100
11) Tert butyl alcohol	4.966	59	64956	188.407	ug/l	98
12) 1,1-Dichloroethene	3.881	96	146001	56.462	ug/l	98
13) Acrolein	3.741	56	34618	271.831	ug/l	92
14) Allyl chloride	4.491	41	205716	55.383	ug/l	99
15) Acrylonitrile	5.173	53	188379	259.299	ug/l	99
16) Acetone	3.960	43	164272	274.365	ug/l	98
17) Carbon Disulfide	4.204	76	463589	57.001	ug/l	100
18) Methyl Acetate	4.491	43	76528	48.094	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	375584	53.125	ug/l	99
20) Methylene Chloride	4.728	84	167886	53.751	ug/l	99
21) trans-1,2-Dichloroethene	5.234	96	165192	57.372	ug/l	96
22) Diisopropyl ether	6.131	45	423090	54.794	ug/l	98
23) Vinyl Acetate	6.070	43	1329919	266.155	ug/l	100
24) 1,1-Dichloroethane	6.027	63	269074	56.149	ug/l	99
25) 2-Butanone	6.996	43	204373	234.091	ug/l	99
26) 2,2-Dichloropropane	6.990	77	217369	52.015	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	163108	50.368	ug/l	100
28) Bromochloromethane	7.344	49	95884	50.008	ug/l	99
29) Tetrahydrofuran	7.356	42	129229	224.978	ug/l	99
30) Chloroform	7.514	83	244459	50.128	ug/l	100
31) Cyclohexane	7.789	56	225673	48.772	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	222580	51.174	ug/l	99
36) 1,1-Dichloropropene	7.923	75	197709	52.668	ug/l	99
37) Ethyl Acetate	7.088	43	90051	46.519	ug/l	99
38) Carbon Tetrachloride	7.911	117	211930	53.932	ug/l	99
39) Methylcyclohexane	9.191	83	253671	52.215	ug/l	97
40) Benzene	8.167	78	575934	52.031	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	48171	44.869	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	149490	49.721	ug/l	100
43) Isopropyl Acetate	8.283	43	167833	47.168	ug/l	98
44) Trichloroethene	8.947	130	166017	53.049	ug/l	99
45) 1,2-Dichloropropane	9.221	63	135932	51.321	ug/l	100
46) Dibromomethane	9.313	93	76384	49.588	ug/l	99
47) Bromodichloromethane	9.502	83	185915	51.474	ug/l	99
48) Methyl methacrylate	9.301	41	74267	47.577	ug/l	99
49) 1,4-Dioxane	9.307	88	19371	956.297	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	437234	234.773	ug/l	100
52) Toluene	10.252	92	370806	52.409	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	199350	50.422	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	230271	51.661	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	111519	49.575	ug/l	98
56) Ethyl methacrylate	10.514	69	150781	49.378	ug/l	100
57) 1,3-Dichloropropane	10.794	76	187126	49.667	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	315263	234.082	ug/l	99
59) 2-Hexanone	10.837	43	306270	239.103	ug/l	99
60) Dibromochloromethane	10.989	129	140925	51.142	ug/l	99
61) 1,2-Dibromoethane	11.093	107	107993	49.353	ug/l	100
64) Tetrachloroethene	10.727	164	150215	52.648	ug/l	97
65) Chlorobenzene	11.520	112	401084	52.336	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	148684	52.272	ug/l	99
67) Ethyl Benzene	11.599	91	701444	53.081	ug/l	99
68) m/p-Xylenes	11.709	106	566699	107.038	ug/l	99
69) o-Xylene	12.032	106	265984	53.055	ug/l	99
70) Styrene	12.050	104	449912	53.373	ug/l	100
71) Bromoform	12.215	173	98426	50.854	ug/l	100
73) Isopropylbenzene	12.337	105	695468	54.637	ug/l	100
74) N-amyl acetate	12.148	43	145433	48.277	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	123173	49.109	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	88450m	50.817	ug/l	
77) Bromobenzene	12.611	156	179498	53.143	ug/l	98
78) n-propylbenzene	12.678	91	813334	54.188	ug/l	100
79) 2-Chlorotoluene	12.764	91	449381	53.074	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	570390	54.167	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	46029	49.340	ug/l	99
82) 4-Chlorotoluene	12.861	91	463724	52.939	ug/l	99
83) tert-Butylbenzene	13.081	119	522820	55.692	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	556837	53.487	ug/l	99
85) sec-Butylbenzene	13.257	105	744529	54.514	ug/l	100
86) p-Isopropyltoluene	13.373	119	647834	54.976	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	342790	53.157	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	335012	52.535	ug/l	99
89) n-Butylbenzene	13.702	91	557007	53.808	ug/l	99
90) Hexachloroethane	13.965	117	115083	54.062	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	299742	52.433	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19570	46.842	ug/l	100
93) 1,2,4-Trichlorobenzene	15.013	180	206338	51.212	ug/l	100
94) Hexachlorobutadiene	15.117	225	135285	53.650	ug/l	99
95) Naphthalene	15.239	128	364446	49.007	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	180233	50.792	ug/l	100

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

