

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060121\
 Data File : VD069279.D
 Acq On : 01 Jun 2021 12:46
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/2/2021 6:46:27 PM

Quant Time: Jun 02 01:49:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 01:46:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	431313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	681738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	633935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	313973	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	183172	44.26	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.52%		
35) Dibromofluoromethane	7.914	113	198268	46.31	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.62%		
50) Toluene-d8	10.338	98	734014	47.15	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.30%		
62) 4-Bromofluorobenzene	12.626	95	247268	48.47	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.94%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	235068	51.78	ug/l	100
3) Chloromethane	2.209	50	167792	48.96	ug/l	100
4) Vinyl Chloride	2.350	62	177737	50.90	ug/l	100
5) Bromomethane	2.768	94	124969	49.06	ug/l	100
6) Chloroethane	2.920	64	98099	49.24	ug/l	100
7) Trichlorofluoromethane	3.273	101	416733	51.31	ug/l	100
8) Diethyl Ether	3.709	74	104060	52.15	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	239185	50.01	ug/l	100
10) Methyl Iodide	4.303	142	258044	59.48	ug/l	100
11) Tert butyl alcohol	5.220	59	58017	177.30	ug/l	100
12) 1,1-Dichloroethene	4.067	96	225754	52.18	ug/l	100
13) Acrolein	3.920	56	72349	297.55	ug/l	100
14) Allyl chloride	4.715	41	273825	52.46	ug/l	100
15) Acrylonitrile	5.420	53	203813	262.02	ug/l	100
16) Acetone	4.162	43	173244	239.88	ug/l	100
17) Carbon Disulfide	4.409	76	753014	52.64	ug/l	100
18) Methyl Acetate	4.720	43	95823	49.03	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	422561	53.18	ug/l	100
20) Methylene Chloride	4.967	84	271083	40.39	ug/l	100
21) trans-1,2-Dichloroethene	5.467	96	266600	52.03	ug/l	100
22) Diisopropyl ether	6.367	45	546209	54.49	ug/l	100
23) Vinyl Acetate	6.309	43	1646729	293.16	ug/l	100
24) 1,1-Dichloroethane	6.267	63	423802	50.52	ug/l	100
25) 2-Butanone	7.214	43	245223	258.04	ug/l	100
26) 2,2-Dichloropropane	7.208	77	382923	49.54	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	282996	52.15	ug/l	100
28) Bromochloromethane	7.544	49	139413	47.93	ug/l	100
29) Tetrahydrofuran	7.567	42	146424	268.07	ug/l	100
30) Chloroform	7.708	83	463668	50.56	ug/l	100
31) Cyclohexane	7.985	56	335675	51.05	ug/l	100
32) 1,1,1-Trichloroethane	7.903	97	416956	50.38	ug/l	100
36) 1,1-Dichloropropene	8.114	75	361890	54.61	ug/l	100
37) Ethyl Acetate	7.297	43	120449	53.53	ug/l	100
38) Carbon Tetrachloride	8.097	117	380235	53.15	ug/l	100
39) Methylcyclohexane	9.355	83	391084	57.69	ug/l	100
40) Benzene	8.355	78	1020932	53.05	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	55171	52.91	ug/l	100
42) 1,2-Dichloroethane	8.426	62	269521	52.48	ug/l	100
43) Isopropyl Acetate	8.455	43	221121	54.00	ug/l	100
44) Trichloroethene	9.114	130	277720	53.11	ug/l	100
45) 1,2-Dichloropropane	9.385	63	243519	53.15	ug/l	100
46) Dibromomethane	9.479	93	142679	54.48	ug/l	100
47) Bromodichloromethane	9.661	83	355179	52.59	ug/l	100
48) Methyl methacrylate	9.455	41	113828	59.87	ug/l	100
49) 1,4-Dioxane	9.461	88	27997	1088.24	ug/l	100
51) 4-Methyl-2-Pentanone	10.226	43	587640	277.84	ug/l	100
52) Toluene	10.402	92	666007	54.83	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	327045	54.22	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	383219	53.29	ug/l	100
55) 1,1,2-Trichloroethane	10.802	97	190823	52.53	ug/l	100
56) Ethyl methacrylate	10.661	69	211801	56.69	ug/l	100
57) 1,3-Dichloropropane	10.944	76	314973	53.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	423962	249.23	ug/l	100
59) 2-Hexanone	10.985	43	398293	281.72	ug/l	100
60) Dibromochloromethane	11.138	129	239071	52.23	ug/l	100
61) 1,2-Dibromoethane	11.244	107	181922	52.50	ug/l	100
64) Tetrachloroethene	10.873	164	232690	52.73	ug/l	100
65) Chlorobenzene	11.667	112	705369	54.45	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	258104	53.17	ug/l	100
67) Ethyl Benzene	11.744	91	1256761	56.47	ug/l	100
68) m/p-Xylenes	11.849	106	998085	114.44	ug/l	100
69) o-Xylene	12.179	106	448205	58.11	ug/l	100
70) Styrene	12.191	104	786878	58.77	ug/l	100
71) Bromoform	12.355	173	133766	53.13	ug/l #	100
73) Isopropylbenzene	12.479	105	1211013	56.36	ug/l	100
74) N-amyl acetate	12.285	43	208652	54.99	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.726	83	210667	52.52	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	134900m	51.41	ug/l	100
77) Bromobenzene	12.755	156	277627	53.65	ug/l	100
78) n-propylbenzene	12.814	91	1504382	57.09	ug/l	100
79) 2-Chlorotoluene	12.902	91	832773	55.59	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	1033929	56.81	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	68496	55.64	ug/l	100
82) 4-Chlorotoluene	13.002	91	862403	54.72	ug/l	100
83) tert-Butylbenzene	13.220	119	869512	57.05	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	1029070	56.86	ug/l	100
85) sec-Butylbenzene	13.396	105	1294370	57.54	ug/l	100
86) p-Isopropyltoluene	13.508	119	1135115	57.71	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	556837	53.17	ug/l	100
88) 1,4-Dichlorobenzene	13.591	146	551733	52.86	ug/l	100
89) n-Butylbenzene	13.838	91	1068564	58.07	ug/l	100
90) Hexachloroethane	14.102	117	200447	53.65	ug/l	100
91) 1,2-Dichlorobenzene	13.885	146	478370	53.01	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	32227	50.43	ug/l	100
93) 1,2,4-Trichlorobenzene	15.155	180	299357	55.29	ug/l	100
94) Hexachlorobutadiene	15.261	225	183500	53.98	ug/l	100
95) Naphthalene	15.396	128	542662	56.85	ug/l	100
96) 1,2,3-Trichlorobenzene	15.585	180	259864	54.53	ug/l	100

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

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