

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060821\
 Data File : VD069398.D
 Acq On : 08 Jun 2021 20:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 4:24:43 PM

Quant Time: Jun 09 02:11:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	377074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	620385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	609016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	309027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	186004	51.409	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.820%			
35) Dibromofluoromethane	7.914	113	202556	51.992	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.980%			
50) Toluene-d8	10.338	98	704789	49.749	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.500%			
62) 4-Bromofluorobenzene	12.626	95	245085	52.796	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	158842	40.019	ug/l	95
3) Chloromethane	2.209	50	150707	50.296	ug/l	97
4) Vinyl Chloride	2.350	62	203035	66.512	ug/l	99
5) Bromomethane	2.768	94	153841	69.078	ug/l	100
6) Chloroethane	2.920	64	139726	80.215	ug/l	95
7) Trichlorofluoromethane	3.273	101	319824	45.044	ug/l	96
8) Diethyl Ether	3.709	74	89551	51.336	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	194916	46.618	ug/l	98
10) Methyl Iodide	4.303	142	178268	42.170	ug/l	99
11) Tert butyl alcohol	5.226	59	65799	302.100	ug/l	98
12) 1,1-Dichloroethene	4.067	96	181777	48.063	ug/l	96
13) Acrolein	3.920	56	54759	228.302	ug/l	90
14) Allyl chloride	4.714	41	216955	47.545	ug/l	99
15) Acrylonitrile	5.420	53	184472	271.270	ug/l	99
16) Acetone	4.162	43	138018	218.595	ug/l	98
17) Carbon Disulfide	4.409	76	558824	44.683	ug/l	99
18) Methyl Acetate	4.720	43	84025	49.177	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	381431	54.914	ug/l	98
20) Methylene Chloride	4.962	84	260735	57.438	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	224234	50.060	ug/l	96
22) Diisopropyl ether	6.361	45	486231	55.479	ug/l	93
23) Vinyl Acetate	6.309	43	1425363	254.320	ug/l	98
24) 1,1-Dichloroethane	6.267	63	370777	50.557	ug/l	100
25) 2-Butanone	7.214	43	221663	266.799	ug/l	93
26) 2,2-Dichloropropane	7.208	77	298953	44.237	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	249419	52.571	ug/l	98
28) Bromochloromethane	7.544	49	134962	53.077	ug/l	95
29) Tetrahydrofuran	7.561	42	133493	279.547	ug/l	98
30) Chloroform	7.708	83	416993	52.009	ug/l	99
31) Cyclohexane	7.985	56	242210	42.131	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	351585	48.591	ug/l	100
36) 1,1-Dichloropropene	8.114	75	285605	47.363	ug/l	98
37) Ethyl Acetate	7.291	43	107216	52.364	ug/l	97
38) Carbon Tetrachloride	8.097	117	313151	48.098	ug/l	93
39) Methylcyclohexane	9.355	83	282683	45.826	ug/l	98
40) Benzene	8.350	78	883093	50.423	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	60059	60.417	ug/l #	82
42) 1,2-Dichloroethane	8.426	62	241306	51.630	ug/l	100
43) Isopropyl Acetate	8.450	43	197258	52.935	ug/l	98
44) Trichloroethene	9.108	130	245507	51.595	ug/l	92
45) 1,2-Dichloropropane	9.385	63	221071	53.017	ug/l	100
46) Dibromomethane	9.473	93	129536	54.351	ug/l	96
47) Bromodichloromethane	9.661	83	321038	52.238	ug/l	92
48) Methyl methacrylate	9.455	41	94867	54.836	ug/l	90
49) 1,4-Dioxane	9.461	88	27402	1170.450	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	546868	284.136	ug/l	99
52) Toluene	10.402	92	587717	53.166	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	281516	51.291	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	331704	50.690	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	179102	54.175	ug/l	97
56) Ethyl methacrylate	10.661	69	194752	51.566	ug/l	96
57) 1,3-Dichloropropane	10.944	76	295171	55.065	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	483487	312.327	ug/l	100
59) 2-Hexanone	10.979	43	365281	283.917	ug/l	100
60) Dibromochloromethane	11.138	129	231373	55.543	ug/l	96
61) 1,2-Dibromoethane	11.244	107	172702	54.765	ug/l	99
64) Tetrachloroethene	10.873	164	208655	49.222	ug/l	97
65) Chlorobenzene	11.667	112	633622	50.912	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	243834	52.290	ug/l	99
67) Ethyl Benzene	11.744	91	1090443	50.998	ug/l	98
68) m/p-Xylenes	11.849	106	875339	104.475	ug/l	98
69) o-Xylene	12.179	106	396183	53.464	ug/l	99
70) Styrene	12.191	104	705528	54.847	ug/l	99
71) Bromoform	12.355	173	135156	55.883	ug/l #	100
73) Isopropylbenzene	12.473	105	1041500	49.245	ug/l	99
74) N-amyl acetate	12.285	43	192893	51.646	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	198545	50.287	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	150639m	56.105	ug/l	
77) Bromobenzene	12.755	156	260304	51.107	ug/l	97
78) n-propylbenzene	12.814	91	1274302	49.128	ug/l	100
79) 2-Chlorotoluene	12.902	91	719860	48.822	ug/l	96
80) 1,3,5-Trimethylbenzene	12.955	105	902760	50.401	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	57720	47.639	ug/l	99
82) 4-Chlorotoluene	12.996	91	776691	50.071	ug/l	99
83) tert-Butylbenzene	13.214	119	749082	49.937	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	917966	51.532	ug/l	99
85) sec-Butylbenzene	13.396	105	1086758	49.085	ug/l	99
86) p-Isopropyltoluene	13.508	119	959206	49.548	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	514704	49.936	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	505570	49.213	ug/l	98
89) n-Butylbenzene	13.838	91	863929	47.698	ug/l	100
90) Hexachloroethane	14.102	117	178919	48.652	ug/l	99
91) 1,2-Dichlorobenzene	13.885	146	446550	50.276	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	29668	47.171	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	269115	50.500	ug/l	99
94) Hexachlorobutadiene	15.255	225	156554	46.791	ug/l	98
95) Naphthalene	15.390	128	489540	46.657	ug/l	100
96) 1,2,3-Trichlorobenzene	15.585	180	240657	51.310	ug/l	97

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

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