

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040721\
 Data File : VD068776.D
 Acq On : 07 Apr 2021 11:38
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/8/2021 3:08:15 PM

Quant Time: Apr 07 12:08:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 07 12:04:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	269450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	461074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	433567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	212645	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	139151	51.39	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.78%			
35) Dibromofluoromethane	7.920	113	147702	51.61	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.22%			
50) Toluene-d8	10.338	98	564144	51.42	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.84%			
62) 4-Bromofluorobenzene	12.626	95	186845	52.15	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.30%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	130076	59.10	ug/l	97
3) Chloromethane	2.209	50	151387	56.41	ug/l	98
4) Vinyl Chloride	2.350	62	191266	59.63	ug/l	97
5) Bromomethane	2.767	94	134733	56.76	ug/l	100
6) Chloroethane	2.920	64	125643	59.73	ug/l	99
7) Trichlorofluoromethane	3.273	101	220263	58.01	ug/l	93
8) Diethyl Ether	3.709	74	67128	63.13	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	145235	62.78	ug/l	97
10) Methyl Iodide	4.303	142	169685	70.54	ug/l	98
11) Tert butyl alcohol	5.220	59	39793	303.47	ug/l	99
12) 1,1-Dichloroethene	4.073	96	138032	61.87	ug/l	98
13) Acrolein	3.926	56	28233	241.05	ug/l	96
14) Allyl chloride	4.720	41	156303	58.33	ug/l	96
15) Acrylonitrile	5.426	53	142936	283.63	ug/l	96
16) Acetone	4.161	43	98361	287.22	ug/l	100
17) Carbon Disulfide	4.414	76	458277	63.51	ug/l	100
18) Methyl Acetate	4.720	43	54160	58.14	ug/l	100
19) Methyl tert-butyl Ether	5.485	73	309121	56.27	ug/l	99
20) Methylene Chloride	4.973	84	171889	46.45	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	171991	56.55	ug/l	94
22) Diisopropyl ether	6.367	45	380748	56.53	ug/l	97
23) Vinyl Acetate	6.308	43	1051904	292.67	ug/l	99
24) 1,1-Dichloroethane	6.267	63	274449	55.47	ug/l	99
25) 2-Butanone	7.214	43	146720	266.02	ug/l	94
26) 2,2-Dichloropropane	7.214	77	217690	50.57	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	173096	52.10	ug/l	99
28) Bromochloromethane	7.544	49	100962	52.69	ug/l	99
29) Tetrahydrofuran	7.561	42	100535	284.96	ug/l	98
30) Chloroform	7.708	83	300295	55.77	ug/l	97
31) Cyclohexane	7.985	56	229625	51.59	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	264406	55.25	ug/l	100
36) 1,1-Dichloropropene	8.114	75	231988	55.28	ug/l	98
37) Ethyl Acetate	7.297	43	65669	50.43	ug/l	99
38) Carbon Tetrachloride	8.097	117	232111	55.21	ug/l	98
39) Methylcyclohexane	9.355	83	285729	55.47	ug/l	98
40) Benzene	8.350	78	680087	55.44	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	33482	45.59	ug/l #	67
42) 1,2-Dichloroethane	8.426	62	179662	55.75	ug/l	97
43) Isopropyl Acetate	8.455	43	141398	55.65	ug/l	100
44) Trichloroethene	9.114	130	187010	54.90	ug/l	88
45) 1,2-Dichloropropane	9.391	63	161192	54.91	ug/l	96
46) Dibromomethane	9.473	93	91940	55.15	ug/l	98
47) Bromodichloromethane	9.667	83	233737	54.61	ug/l	100
48) Methyl methacrylate	9.455	41	74006	57.33	ug/l	96
49) 1,4-Dioxane	9.467	88	20144	1087.29	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	374339	281.69	ug/l	98
52) Toluene	10.402	92	445406	57.19	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	214926	54.68	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	256300	54.87	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	128846	54.65	ug/l	97
56) Ethyl methacrylate	10.661	69	143061	56.64	ug/l	98
57) 1,3-Dichloropropane	10.943	76	212697	55.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	357702	279.41	ug/l	98
59) 2-Hexanone	10.985	43	254488	285.69	ug/l	99
60) Dibromochloromethane	11.138	129	160606	55.07	ug/l	99
61) 1,2-Dibromoethane	11.249	107	124493	54.90	ug/l	99
64) Tetrachloroethene	10.879	164	150121	52.97	ug/l	99
65) Chlorobenzene	11.667	112	475287	54.86	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	170463	54.62	ug/l	99
67) Ethyl Benzene	11.743	91	848700	56.06	ug/l	99
68) m/p-Xylenes	11.849	106	651452	110.60	ug/l	99
69) o-Xylene	12.179	106	300579	55.16	ug/l	99
70) Styrene	12.190	104	527673	56.29	ug/l	100
71) Bromoform	12.355	173	91479	55.62	ug/l #	100
73) Isopropylbenzene	12.479	105	803466	54.22	ug/l	100
74) N-amyl acetate	12.285	43	137750	55.74	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	144336	54.73	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	95524m	52.81	ug/l	
77) Bromobenzene	12.761	156	183512	53.00	ug/l	98
78) n-propylbenzene	12.814	91	976652	55.26	ug/l	100
79) 2-Chlorotoluene	12.902	91	534842	55.23	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	683548	56.59	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	44685	56.43	ug/l	97
82) 4-Chlorotoluene	13.002	91	562772	54.65	ug/l	99
83) tert-Butylbenzene	13.220	119	572733	55.93	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	690544	55.77	ug/l	100
85) sec-Butylbenzene	13.396	105	815770	55.00	ug/l	99
86) p-Isopropyltoluene	13.514	119	746655	55.31	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	373999	53.87	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	364679	53.51	ug/l	99
89) n-Butylbenzene	13.837	91	705733	55.16	ug/l	100
90) Hexachloroethane	14.108	117	141760	56.26	ug/l	99
91) 1,2-Dichlorobenzene	13.884	146	323070	54.60	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	21598	57.13	ug/l	92
93) 1,2,4-Trichlorobenzene	15.155	180	200141	52.51	ug/l	99
94) Hexachlorobutadiene	15.261	225	118686	54.38	ug/l	98
95) Naphthalene	15.396	128	371677	55.59	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	179062	55.03	ug/l	98

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

