

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
 Data File : VD068453.D
 Acq On : 26 Feb 2021 12:26
 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
 3/1/2021 10:05:32 AM

Quant Time: Feb 26 12:50:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 12:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	312435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	541409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	501224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	234964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	154312	48.65	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.30%		
35) Dibromofluoromethane	7.920	113	161421	50.49	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.98%		
50) Toluene-d8	10.343	98	637777	48.37	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.74%		
62) 4-Bromofluorobenzene	12.631	95	207394	48.06	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.12%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	152255	51.66	ug/l	94
3) Chloromethane	2.208	50	187793	53.25	ug/l	99
4) Vinyl Chloride	2.350	62	228222	54.10	ug/l	99
5) Bromomethane	2.767	94	153084	51.00	ug/l	96
6) Chloroethane	2.926	64	144163	52.73	ug/l	99
7) Trichlorofluoromethane	3.279	101	258983	50.65	ug/l	98
8) Diethyl Ether	3.714	74	77203	51.52	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	156568	50.37	ug/l	95
10) Methyl Iodide	4.308	142	185923	61.63	ug/l	94
11) Tert butyl alcohol	5.226	59	37749	235.70	ug/l	99
12) 1,1-Dichloroethene	4.073	96	156550	51.63	ug/l	97
13) Acrolein	3.926	56	60923	319.17	ug/l	99
14) Allyl chloride	4.720	41	204215	51.91	ug/l	98
15) Acrylonitrile	5.426	53	162683	252.77	ug/l	99
16) Acetone	4.161	43	127388	256.59	ug/l #	87
17) Carbon Disulfide	4.414	76	515767	57.09	ug/l	99
18) Methyl Acetate	4.726	43	60960	45.32	ug/l	96
19) Methyl tert-butyl Ether	5.485	73	334017	49.49	ug/l	93
20) Methylene Chloride	4.973	84	188476	47.22	ug/l	88
21) trans-1,2-Dichloroethene	5.479	96	185913	52.73	ug/l	94
22) Diisopropyl ether	6.367	45	448582	51.63	ug/l	95
23) Vinyl Acetate	6.308	43	1175764	262.89	ug/l	98
24) 1,1-Dichloroethane	6.273	63	304548	51.32	ug/l	98
25) 2-Butanone	7.214	43	176012	253.27	ug/l	93
26) 2,2-Dichloropropane	7.208	77	253233	49.98	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	204588	51.36	ug/l	95
28) Bromochloromethane	7.549	49	120091	49.41	ug/l	81
29) Tetrahydrofuran	7.561	42	115196	254.92	ug/l	96
30) Chloroform	7.714	83	319359	51.57	ug/l	98
31) Cyclohexane	7.990	56	271944	50.32	ug/l	95
32) 1,1,1-Trichloroethane	7.908	97	274329	51.38	ug/l	97
36) 1,1-Dichloropropene	8.114	75	255644	52.10	ug/l	97
37) Ethyl Acetate	7.296	43	81502	50.10	ug/l	97
38) Carbon Tetrachloride	8.096	117	238515	51.38	ug/l	100
39) Methylcyclohexane	9.355	83	322424	53.40	ug/l	98
40) Benzene	8.355	78	727161	52.22	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	45723	49.58	ug/l	92
42) 1,2-Dichloroethane	8.426	62	193736	52.27	ug/l	97
43) Isopropyl Acetate	8.455	43	157442	50.64	ug/l	97
44) Trichloroethene	9.114	130	198970	52.51	ug/l	96
45) 1,2-Dichloropropane	9.390	63	177734	52.29	ug/l	97
46) Dibromomethane	9.479	93	92115	50.34	ug/l	94
47) Bromodichloromethane	9.667	83	246465	51.94	ug/l	99
48) Methyl methacrylate	9.455	41	82272	51.93	ug/l	97
49) 1,4-Dioxane	9.461	88	21253	1001.69	ug/l	90
51) 4-Methyl-2-Pentanone	10.231	43	413464	257.85	ug/l	99
52) Toluene	10.408	92	468538	52.29	ug/l	94
53) t-1,3-Dichloropropene	10.620	75	224318	51.24	ug/l	98
54) cis-1,3-Dichloropropene	10.090	75	278177	51.66	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	131936	52.03	ug/l	89
56) Ethyl methacrylate	10.661	69	155310	52.00	ug/l	97
57) 1,3-Dichloropropane	10.949	76	227899	51.24	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.943	63	380773	241.07	ug/l	92
59) 2-Hexanone	10.984	43	279824	257.97	ug/l	100
60) Dibromochloromethane	11.143	129	165007	52.30	ug/l	99
61) 1,2-Dibromoethane	11.249	107	128797	52.46	ug/l	100
64) Tetrachloroethene	10.879	164	159190	50.69	ug/l	96
65) Chlorobenzene	11.673	112	500877	51.19	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	175319	51.50	ug/l	96
67) Ethyl Benzene	11.743	91	911303	51.95	ug/l	96
68) m/p-Xylenes	11.855	106	695003	104.47	ug/l	100
69) o-Xylene	12.178	106	324754	53.20	ug/l	95
70) Styrene	12.196	104	555695	52.44	ug/l	99
71) Bromoform	12.361	173	90660	51.83	ug/l #	98
73) Isopropylbenzene	12.478	105	869625	50.41	ug/l	100
74) N-amyl acetate	12.290	43	150483	49.88	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.731	83	144013	48.45	ug/l	99
76) 1,2,3-Trichloropropane	12.784	75	87826m	39.38	ug/l	
77) Bromobenzene	12.761	156	193560	50.08	ug/l	90
78) n-propylbenzene	12.820	91	1044727	50.46	ug/l	98
79) 2-Chlorotoluene	12.908	91	575416	50.22	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	720991	51.07	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.525	75	45217	50.58	ug/l	97
82) 4-Chlorotoluene	13.002	91	609539	50.27	ug/l	97
83) tert-Butylbenzene	13.220	119	614832	50.34	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	726084	51.49	ug/l	98
85) sec-Butylbenzene	13.396	105	861567	50.53	ug/l	99
86) p-Isopropyltoluene	13.514	119	796728	51.73	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	385787	51.38	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	374335	50.15	ug/l	99
89) n-Butylbenzene	13.837	91	770391	51.22	ug/l	97
90) Hexachloroethane	14.108	117	161517	56.51	ug/l	90
91) 1,2-Dichlorobenzene	13.884	146	326025	50.34	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	25345	56.78	ug/l	88
93) 1,2,4-Trichlorobenzene	15.161	180	257869	58.89	ug/l	100
94) Hexachlorobutadiene	15.261	225	143423	59.42	ug/l	99
95) Naphthalene	15.396	128	465284	57.61	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	218127	57.39	ug/l	98

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

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