

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022221\
 Data File : VD068415.D
 Acq On : 22 Feb 2021 16:15
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 2/23/2021 1:04:52 PM

Quant Time: Feb 22 18:00:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	434833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	736993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	664685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	305843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	223819	50.35	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.70%			
35) Dibromofluoromethane	7.914	113	236617	54.09	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.18%			
50) Toluene-d8	10.338	98	947013	52.23	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.46%			
62) 4-Bromofluorobenzene	12.632	95	301008	50.96	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	157217	39.46	ug/l	96
3) Chloromethane	2.209	50	196629	41.45	ug/l	94
4) Vinyl Chloride	2.350	62	248608	43.78	ug/l	100
5) Bromomethane	2.774	94	180485	44.46	ug/l	100
6) Chloroethane	2.926	64	170992	46.10	ug/l	97
7) Trichlorofluoromethane	3.274	101	327922	46.92	ug/l	98
8) Diethyl Ether	3.709	74	101613	49.50	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	204905	48.17	ug/l	93
10) Methyl Iodide	4.303	142	211364	52.91	ug/l	94
11) Tert butyl alcohol	5.226	59	53608	240.54	ug/l #	90
12) 1,1-Dichloroethene	4.068	96	190371	46.03	ug/l	99
13) Acrolein	3.921	56	48234	189.27	ug/l	98
14) Allyl chloride	4.715	41	251098	46.70	ug/l	98
15) Acrylonitrile	5.420	53	199628	225.31	ug/l	98
16) Acetone	4.156	43	137831	200.97	ug/l	89
17) Carbon Disulfide	4.409	76	509242	42.52	ug/l	97
18) Methyl Acetate	4.715	43	83824	44.53	ug/l	97
19) Methyl tert-butyl Ether	5.468	73	466806	50.03	ug/l	95
20) Methylene Chloride	4.962	84	249088	52.41	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	228855	47.81	ug/l	96
22) Diisopropyl ether	6.362	45	577614	48.54	ug/l	96
23) Vinyl Acetate	6.303	43	1485327	241.76	ug/l	99
24) 1,1-Dichloroethane	6.262	63	397941	48.88	ug/l	99
25) 2-Butanone	7.215	43	215130	224.34	ug/l	95
26) 2,2-Dichloropropane	7.209	77	341672	49.06	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	270308	49.68	ug/l	98
28) Bromochloromethane	7.544	49	171767	50.87	ug/l	88
29) Tetrahydrofuran	7.562	42	140719	226.86	ug/l	99
30) Chloroform	7.709	83	425984	50.30	ug/l	98
31) Cyclohexane	7.985	56	301193	45.36	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	363365	49.66	ug/l	97
36) 1,1-Dichloropropene	8.114	75	308744	47.35	ug/l	97
37) Ethyl Acetate	7.291	43	105530	47.90	ug/l	98
38) Carbon Tetrachloride	8.097	117	307943	49.51	ug/l	98
39) Methylcyclohexane	9.356	83	370294	46.30	ug/l	98
40) Benzene	8.350	78	917734	49.35	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	66368	52.33	ug/l	93
42) 1,2-Dichloroethane	8.426	62	251875	50.78	ug/l	98
43) Isopropyl Acetate	8.456	43	204253	48.41	ug/l	99
44) Trichloroethene	9.114	130	256402	50.66	ug/l	96
45) 1,2-Dichloropropane	9.385	63	229754	50.63	ug/l	99
46) Dibromomethane	9.479	93	121764	49.46	ug/l	95
47) Bromodichloromethane	9.661	83	331937	52.01	ug/l	94
48) Methyl methacrylate	9.456	41	95355	45.29	ug/l #	83
49) 1,4-Dioxane	9.461	88	27930	971.10	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	523043	241.38	ug/l	99
52) Toluene	10.403	92	594162	49.69	ug/l	94
53) t-1,3-Dichloropropene	10.620	75	302701	51.25	ug/l	92
54) cis-1,3-Dichloropropene	10.091	75	362605	50.24	ug/l	98
55) 1,1,2-Trichloroethane	10.803	97	178935	52.62	ug/l	96
56) Ethyl methacrylate	10.661	69	205838	51.01	ug/l	99
57) 1,3-Dichloropropane	10.950	76	294754	49.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	526839	243.83	ug/l	94
59) 2-Hexanone	10.985	43	350805	239.50	ug/l	99
60) Dibromochloromethane	11.138	129	219752	52.08	ug/l	100
61) 1,2-Dibromoethane	11.244	107	163804	49.84	ug/l	97
64) Tetrachloroethene	10.879	164	201398	49.24	ug/l	97
65) Chlorobenzene	11.673	112	643190	50.33	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.744	131	235274	52.76	ug/l	97
67) Ethyl Benzene	11.744	91	1154020	50.36	ug/l	98
68) m/p-Xylenes	11.855	106	885559	102.26	ug/l	99
69) o-Xylene	12.179	106	411175	51.75	ug/l	97
70) Styrene	12.197	104	707639	51.21	ug/l	99
71) Bromoform	12.361	173	118157	51.57	ug/l #	98
73) Isopropylbenzene	12.479	105	1111119	49.74	ug/l	99
74) N-amyl acetate	12.291	43	189205	47.96	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	185824	48.00	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	114277m	39.27	ug/l	
77) Bromobenzene	12.761	156	260594	52.22	ug/l	95
78) n-propylbenzene	12.820	91	1322594	49.46	ug/l	98
79) 2-Chlorotoluene	12.908	91	737966	49.83	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	915569	50.15	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	59444	51.20	ug/l	96
82) 4-Chlorotoluene	13.008	91	762353	48.68	ug/l	99
83) tert-Butylbenzene	13.220	119	795465	50.23	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	920022	50.59	ug/l	99
85) sec-Butylbenzene	13.402	105	1111209	50.18	ug/l	98
86) p-Isopropyltoluene	13.514	119	990416	49.81	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	478047	49.51	ug/l	98
88) 1,4-Dichlorobenzene	13.597	146	481748	50.14	ug/l	100
89) n-Butylbenzene	13.844	91	949143	48.92	ug/l	99
90) Hexachloroethane	14.108	117	184177	51.02	ug/l	92
91) 1,2-Dichlorobenzene	13.891	146	417781	49.90	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.508	75	27197	48.05	ug/l	92
93) 1,2,4-Trichlorobenzene	15.161	180	279719	51.01	ug/l	98
94) Hexachlorobutadiene	15.267	225	156752	51.97	ug/l	98
95) Naphthalene	15.396	128	522894	51.30	ug/l	99
96) 1,2,3-Trichlorobenzene	15.596	180	239413	50.05	ug/l	99

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

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