

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061220\
 Data File : VD065787.D
 Acq On : 12 Jun 2020 10:03
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 13 01:49:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	214718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	328584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	305687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	158224	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	106561	50.22	ug/l	0.00
Spiked Amount						
			Recovery	=	100.44%	
35) Dibromofluoromethane	7.91	113	106823	51.47	ug/l	0.00
Spiked Amount						
			Recovery	=	102.94%	
50) Toluene-d8	10.34	98	414876	53.61	ug/l	0.00
Spiked Amount						
			Recovery	=	107.22%	
62) 4-Bromofluorobenzene	12.64	95	139042	52.97	ug/l	0.00
Spiked Amount						
			Recovery	=	105.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	62029	42.349	ug/l	98
3) Chloromethane	2.21	50	119682	49.729	ug/l	99
4) Vinyl Chloride	2.35	62	141135	44.552	ug/l	99
5) Bromomethane	2.77	94	99377	44.857	ug/l	99
6) Chloroethane	2.92	64	100900	47.106	ug/l	94
7) Trichlorofluoromethane	3.27	101	158078	44.043	ug/l	96
8) Diethyl Ether	3.70	74	40470	42.887	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	93566	43.719	ug/l	99
10) Methyl Iodide	4.30	142	92738	44.499	ug/l	99
11) Tert butyl alcohol	5.21	59	25465	208.172	ug/l	98
12) 1,1-Dichloroethene	4.07	96	84367	43.252	ug/l	95
13) Acrolein	3.92	56	25616	214.949	ug/l	99
14) Allyl chloride	4.71	41	145101	45.007	ug/l	96
15) Acrylonitrile	5.42	53	94877	221.373	ug/l	98
16) Acetone	4.15	43	115124	287.651	ug/l	99
17) Carbon Disulfide	4.40	76	290281	44.339	ug/l	100
18) Methyl Acetate	4.71	43	40076	43.955	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	195086	44.155	ug/l	100
20) Methylene Chloride	4.96	84	101076	47.316	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	104140	45.588	ug/l	95
22) Diisopropyl ether	6.36	45	311344	47.795	ug/l	96
23) Vinyl Acetate	6.30	43	879240	239.026	ug/l	98
24) 1,1-Dichloroethane	6.26	63	182480	45.976	ug/l	100
25) 2-Butanone	7.21	43	133807	242.085	ug/l	94
26) 2,2-Dichloropropane	7.21	77	168790	47.962	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	112586	45.817	ug/l	97
28) Bromochloromethane	7.54	49	76949	50.197	ug/l	99
29) Tetrahydrofuran	7.56	42	76749	219.700	ug/l	99
30) Chloroform	7.71	83	190974	46.421	ug/l	98
31) Cyclohexane	7.98	56	164263	43.171	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	175838	46.483	ug/l	96
36) 1,1-Dichloropropene	8.11	75	150579	47.839	ug/l	100
37) Ethyl Acetate	7.28	43	56441	45.524	ug/l	97
38) Carbon Tetrachloride	8.09	117	162720	49.122	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	174971	46.951	ug/l	98
40) Benzene	8.35	78	412098	47.891	ug/l	98
41) Methacrylonitrile	7.53	41	30184	40.887	ug/l #	78
42) 1,2-Dichloroethane	8.42	62	121314	46.725	ug/l	99
43) Isopropyl Acetate	8.45	43	111691	45.304	ug/l	100
44) Trichloroethene	9.11	130	114923	47.991	ug/l	98
45) 1,2-Dichloropropane	9.38	63	102546	47.428	ug/l	100
46) Dibromomethane	9.48	93	55312	47.169	ug/l	99
47) Bromodichloromethane	9.66	83	148171	47.154	ug/l	99
48) Methyl methacrylate	9.46	41	56714	47.525	ug/l	97
49) 1,4-Dioxane	9.46	88	10860	870.104	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	281072	232.665	ug/l	97
52) Toluene	10.40	92	275277	49.234	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	137618	48.364	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	164080	48.825	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	76214	48.642	ug/l	99
56) Ethyl methacrylate	10.66	69	89757	48.704	ug/l	97
57) 1,3-Dichloropropane	10.95	76	127467	46.958	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	229045	267.326	ug/l	99
59) 2-Hexanone	10.98	43	205223	251.974	ug/l	99
60) Dibromochloromethane	11.14	129	101957	48.170	ug/l	100
61) 1,2-Dibromoethane	11.25	107	71449	46.401	ug/l	96
64) Tetrachloroethene	10.88	164	94469	45.702	ug/l	96
65) Chlorobenzene	11.67	112	282682	47.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	106117	47.704	ug/l	97
67) Ethyl Benzene	11.75	91	518267	48.614	ug/l	97
68) m/p-Xylenes	11.86	106	401865	97.863	ug/l	99
69) o-Xylene	12.18	106	180540	48.762	ug/l	99
70) Styrene	12.20	104	318040	49.620	ug/l	98
71) Bromoform	12.36	173	58997	48.162	ug/l #	99
73) Isopropylbenzene	12.48	105	508638	47.947	ug/l	99
74) N-amyl acetate	12.29	43	106876	45.284	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	80106	44.712	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	61952m	50.346	ug/l	
77) Bromobenzene	12.77	156	118975	47.402	ug/l	98
78) n-propylbenzene	12.83	91	618420	48.430	ug/l	99
79) 2-Chlorotoluene	12.91	91	336492	48.035	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	422545	47.865	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	26751	46.971	ug/l	96
82) 4-Chlorotoluene	13.01	91	352719	46.910	ug/l	99
83) tert-Butylbenzene	13.23	119	370755	48.402	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	437796	49.547	ug/l	99
85) sec-Butylbenzene	13.41	105	513266	48.149	ug/l	99
86) p-Isopropyltoluene	13.52	119	487188	49.863	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	238238	48.139	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	232975	47.324	ug/l	99
89) n-Butylbenzene	13.85	91	458941	49.250	ug/l	99
90) Hexachloroethane	14.12	117	96964	49.580	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	198867	46.692	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14061	47.159	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	137445	47.462	ug/l	99
94) Hexachlorobutadiene	15.27	225	81094	46.323	ug/l	98
95) Naphthalene	15.41	128	220560	44.963	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	118412	47.476	ug/l	99

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

