

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065918.D
 Acq On : 01 Jul 2020 20:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 02 05:59:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	135091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	233995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	216132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	100321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	76873	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	
35) Dibromofluoromethane	7.92	113	71512	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	10.34	98	261160	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.64	95	84605	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	57465	44.487	ug/l	97
3) Chloromethane	2.21	50	89138	49.653	ug/l	96
4) Vinyl Chloride	2.35	62	95670	48.042	ug/l	99
5) Bromomethane	2.77	94	68460	52.561	ug/l	95
6) Chloroethane	2.93	64	64085	51.032	ug/l	98
7) Trichlorofluoromethane	3.27	101	126499	50.392	ug/l	94
8) Diethyl Ether	3.70	74	38507	58.348	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	68573	48.475	ug/l	99
10) Methyl Iodide	4.30	142	70358	47.815	ug/l	99
11) Tert butyl alcohol	5.21	59	25817	373.190	ug/l #	69
12) 1,1-Dichloroethene	4.06	96	64303	48.768	ug/l	97
13) Acrolein	3.93	56	26861	263.349	ug/l	95
14) Allyl chloride	4.71	41	113455	54.548	ug/l	96
15) Acrylonitrile	5.41	53	84713	301.966	ug/l	98
16) Acetone	4.15	43	72002	261.849	ug/l	96
17) Carbon Disulfide	4.40	76	216441	48.587	ug/l	98
18) Methyl Acetate	4.72	43	37110	60.864	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	172927	59.809	ug/l	96
20) Methylene Chloride	4.97	84	91693	65.620	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	78730	52.144	ug/l	97
22) Diisopropyl ether	6.36	45	250005	57.634	ug/l	95
23) Vinyl Acetate	6.30	43	753209	300.430	ug/l	100
24) 1,1-Dichloroethane	6.26	63	144400	55.799	ug/l	98
25) 2-Butanone	7.21	43	113300	308.754	ug/l	95
26) 2,2-Dichloropropane	7.21	77	123140	51.851	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	87607	52.440	ug/l	98
28) Bromochloromethane	7.55	49	57863	59.499	ug/l	93
29) Tetrahydrofuran	7.57	42	71971	308.757	ug/l	98
30) Chloroform	7.71	83	152847	55.163	ug/l	96
31) Cyclohexane	7.99	56	117047	46.557	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	134864	53.043	ug/l	98
36) 1,1-Dichloropropene	8.11	75	109660	48.060	ug/l	97
37) Ethyl Acetate	7.29	43	51809	59.382	ug/l #	96
38) Carbon Tetrachloride	8.10	117	122880	49.872	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	127385	46.987	ug/l	97
40) Benzene	8.35	78	317719	50.190	ug/l	98
41) Methacrylonitrile	7.53	41	25545m	53.367	ug/l	
42) 1,2-Dichloroethane	8.43	62	103015	55.162	ug/l	98
43) Isopropyl Acetate	8.46	43	98862	58.478	ug/l	98
44) Trichloroethene	9.11	130	84192	49.094	ug/l	99
45) 1,2-Dichloropropane	9.38	63	78073	51.486	ug/l	99
46) Dibromomethane	9.48	93	45537	54.173	ug/l	97
47) Bromodichloromethane	9.66	83	121920	54.584	ug/l	96
48) Methyl methacrylate	9.46	41	45869	55.352	ug/l	96
49) 1,4-Dioxane	9.46	88	9946	1156.709	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	260205	298.592	ug/l	98
52) Toluene	10.40	92	204970	49.802	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	111769	52.421	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	130002	51.928	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	61200	54.940	ug/l	86
56) Ethyl methacrylate	10.66	69	75972	54.926	ug/l	93
57) 1,3-Dichloropropane	10.95	76	105724	54.106	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	174327	287.536	ug/l	99
59) 2-Hexanone	10.98	43	177727	290.957	ug/l	98
60) Dibromochloromethane	11.14	129	79245	52.082	ug/l	99
61) 1,2-Dibromoethane	11.25	107	58626	53.773	ug/l	98
64) Tetrachloroethene	10.87	164	67130	47.565	ug/l	97
65) Chlorobenzene	11.67	112	215096	50.172	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	78765	49.319	ug/l	98
67) Ethyl Benzene	11.75	91	392593	49.307	ug/l	98
68) m/p-Xylenes	11.86	106	292805	96.587	ug/l	95
69) o-Xylene	12.18	106	137126	50.336	ug/l	99
70) Styrene	12.20	104	243900	51.202	ug/l	99
71) Bromoform	12.37	173	44005	51.884	ug/l #	100
73) Isopropylbenzene	12.48	105	363338	50.567	ug/l	99
74) N-amyl acetate	12.29	43	93587	58.952	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	68389	57.822	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	38800m	44.200	ug/l	
77) Bromobenzene	12.77	156	84106	52.063	ug/l	94
78) n-propylbenzene	12.83	91	445547	51.470	ug/l	97
79) 2-Chlorotoluene	12.91	91	244692	51.319	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	313517	52.195	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	21835	53.438	ug/l	98
82) 4-Chlorotoluene	13.01	91	264192	51.850	ug/l	100
83) tert-Butylbenzene	13.23	119	256240	50.691	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	315731	53.360	ug/l	98
85) sec-Butylbenzene	13.41	105	365202	50.697	ug/l	99
86) p-Isopropyltoluene	13.52	119	336402	51.413	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	163857	52.206	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	160080	50.695	ug/l	98
89) n-Butylbenzene	13.85	91	313702	49.168	ug/l	99
90) Hexachloroethane	14.11	117	68461	51.272	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	140501	51.098	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11383	62.130	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	87448	50.167	ug/l	98
94) Hexachlorobutadiene	15.27	225	50238	50.528	ug/l	97
95) Naphthalene	15.41	128	174265	55.682	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	78471	53.947	ug/l	100

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

