

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062920\
 Data File : VD065881.D
 Acq On : 29 Jun 2020 12:36
 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 30 04:23:17 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	188490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	307647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	277601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	134252	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	93279	47.63	ug/l	0.00
Spiked Amount						
			Recovery	=	95.26%	
35) Dibromofluoromethane	7.91	113	90931	47.82	ug/l	0.00
Spiked Amount						
			Recovery	=	95.64%	
50) Toluene-d8	10.34	98	346404	48.43	ug/l	0.00
Spiked Amount						
			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	12.64	95	115649	49.35	ug/l	0.00
Spiked Amount						
			Recovery	=	98.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	77403	42.946	ug/l	100
3) Chloromethane	2.21	50	112764	45.019	ug/l	93
4) Vinyl Chloride	2.35	62	116860	42.058	ug/l	98
5) Bromomethane	2.77	94	78150	43.002	ug/l	97
6) Chloroethane	2.92	64	72602	41.436	ug/l	98
7) Trichlorofluoromethane	3.27	101	166667	47.584	ug/l	100
8) Diethyl Ether	3.70	74	43777	47.541	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	93010	47.123	ug/l	97
10) Methyl Iodide	4.30	142	96188	46.887	ug/l	99
11) Tert butyl alcohol	5.23	59	26907	275.803	ug/l	97
12) 1,1-Dichloroethene	4.07	96	87747	47.695	ug/l	88
13) Acrolein	3.93	56	36043	253.261	ug/l	95
14) Allyl chloride	4.71	41	148126	51.042	ug/l	95
15) Acrylonitrile	5.41	53	94064	240.309	ug/l	99
16) Acetone	4.15	43	116029	302.420	ug/l	92
17) Carbon Disulfide	4.41	76	294668	47.408	ug/l	99
18) Methyl Acetate	4.71	43	39981	46.996	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	201665	49.989	ug/l	94
20) Methylene Chloride	4.96	84	105329	52.950	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	102709	48.754	ug/l	99
22) Diisopropyl ether	6.36	45	300398	49.632	ug/l	98
23) Vinyl Acetate	6.30	43	880890	251.818	ug/l	99
24) 1,1-Dichloroethane	6.26	63	174228	48.252	ug/l	98
25) 2-Butanone	7.21	43	132956	259.674	ug/l	96
26) 2,2-Dichloropropane	7.21	77	168927	50.980	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	111715	47.926	ug/l	99
28) Bromochloromethane	7.54	49	65112	47.986	ug/l	100
29) Tetrahydrofuran	7.56	42	79259	243.695	ug/l	97
30) Chloroform	7.71	83	184352	47.685	ug/l	100
31) Cyclohexane	7.98	56	162870	46.430	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	170726	48.125	ug/l	98
36) 1,1-Dichloropropene	8.11	75	150149	50.051	ug/l	98
37) Ethyl Acetate	7.28	43	56964	49.660	ug/l #	96
38) Carbon Tetrachloride	8.09	117	158510	48.931	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	173140	48.575	ug/l	95
40) Benzene	8.35	78	393274	47.252	ug/l	100
41) Methacrylonitrile	7.53	41	31508m	50.066	ug/l	
42) 1,2-Dichloroethane	8.43	62	118691	48.341	ug/l	97
43) Isopropyl Acetate	8.45	43	110902	49.895	ug/l	97
44) Trichloroethene	9.11	130	108010	47.905	ug/l	95
45) 1,2-Dichloropropane	9.38	63	97465	48.886	ug/l	98
46) Dibromomethane	9.48	93	51394	46.504	ug/l	98
47) Bromodichloromethane	9.66	83	142877	48.653	ug/l	93
48) Methyl methacrylate	9.46	41	50528	46.377	ug/l	97
49) 1,4-Dioxane	9.47	88	12048	1065.723	ug/l	88
51) 4-Methyl-2-Pentanone	10.23	43	282386	246.468	ug/l	100
52) Toluene	10.40	92	259435	47.944	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	137351	48.997	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	157517	47.855	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	70427	48.087	ug/l	88
56) Ethyl methacrylate	10.66	69	89728	49.340	ug/l	98
57) 1,3-Dichloropropane	10.95	76	124422	48.431	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	206835	259.481	ug/l	99
59) 2-Hexanone	10.98	43	203941	253.942	ug/l	100
60) Dibromochloromethane	11.14	129	95848	47.913	ug/l	96
61) 1,2-Dibromoethane	11.25	107	68795	47.994	ug/l	98
64) Tetrachloroethene	10.87	164	86245	47.577	ug/l	92
65) Chlorobenzene	11.67	112	260074	47.231	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	98228	47.886	ug/l	97
67) Ethyl Benzene	11.75	91	489835	47.897	ug/l	100
68) m/p-Xylenes	11.86	106	387864	99.613	ug/l	98
69) o-Xylene	12.18	106	171571	49.034	ug/l	98
70) Styrene	12.20	104	307320	50.230	ug/l	99
71) Bromoform	12.36	173	50340	46.211	ug/l #	96
73) Isopropylbenzene	12.48	105	480383	49.960	ug/l	99
74) N-amyl acetate	12.29	43	107529	50.615	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	74722	47.209	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	56041m	47.705	ug/l	
77) Bromobenzene	12.77	156	101876	47.124	ug/l	93
78) n-propylbenzene	12.83	91	575155	49.649	ug/l	100
79) 2-Chlorotoluene	12.91	91	314950	49.360	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	405703	50.472	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	26765	48.948	ug/l	98
82) 4-Chlorotoluene	13.01	91	346783	50.858	ug/l	100
83) tert-Butylbenzene	13.23	119	348846	51.569	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	403602	50.971	ug/l	99
85) sec-Butylbenzene	13.41	105	497208	51.577	ug/l	99
86) p-Isopropyltoluene	13.52	119	456490	52.134	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	210947	50.223	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	206505	48.868	ug/l	99
89) n-Butylbenzene	13.85	91	437299	51.217	ug/l	99
90) Hexachloroethane	14.11	117	87914	49.200	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	179656	48.824	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13106	53.455	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	114971	49.286	ug/l	99
94) Hexachlorobutadiene	15.27	225	63792	47.944	ug/l	94
95) Naphthalene	15.41	128	209586	50.042	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	97754	50.219	ug/l	100

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

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