

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071020\
 Data File : VD065943.D
 Acq On : 10 Jul 2020 11:30
 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: Jul 11 04:34:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	402110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	585090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	547370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	267478	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	159308	44.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.40%	
35) Dibromofluoromethane	7.91	113	173881	48.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.36%	
50) Toluene-d8	10.34	98	629293	47.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.63	95	220339	48.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	148181	41.452	ug/l	96
3) Chloromethane	2.20	50	141346	39.886	ug/l	99
4) Vinyl Chloride	2.35	62	137492	42.255	ug/l	98
5) Bromomethane	2.77	94	87768	42.583	ug/l	91
6) Chloroethane	2.92	64	83356	42.855	ug/l	91
7) Trichlorofluoromethane	3.27	101	319409	45.801	ug/l	96
8) Diethyl Ether	3.71	74	90768	47.443	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	192727	46.202	ug/l	97
10) Methyl Iodide	4.30	142	210787	48.077	ug/l	99
11) Tert butyl alcohol	5.21	59	55051	245.534	ug/l #	84
12) 1,1-Dichloroethene	4.07	96	182188	46.751	ug/l	97
13) Acrolein	3.92	56	53787	307.452	ug/l	99
14) Allyl chloride	4.71	41	303137	45.901	ug/l	99
15) Acrylonitrile	5.41	53	213086	254.382	ug/l	98
16) Acetone	4.15	43	249024	298.174	ug/l	95
17) Carbon Disulfide	4.40	76	556864	44.847	ug/l	98
18) Methyl Acetate	4.71	43	94640	48.343	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	417139	50.560	ug/l	96
20) Methylene Chloride	4.96	84	209137	44.511	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	203492	46.411	ug/l	98
22) Diisopropyl ether	6.36	45	590331	47.566	ug/l	98
23) Vinyl Acetate	6.30	43	1763005	248.870	ug/l	98
24) 1,1-Dichloroethane	6.26	63	348905	47.146	ug/l	99
25) 2-Butanone	7.21	43	287983	260.952	ug/l	94
26) 2,2-Dichloropropane	7.20	77	312716	48.303	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	223692	47.483	ug/l	99
28) Bromochloromethane	7.54	49	126138	45.120	ug/l	97
29) Tetrahydrofuran	7.56	42	173724	247.558	ug/l	99
30) Chloroform	7.71	83	355028	47.322	ug/l	98
31) Cyclohexane	7.98	56	329612	45.268	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	328424	47.969	ug/l	100
36) 1,1-Dichloropropene	8.11	75	286773	49.627	ug/l	99
37) Ethyl Acetate	7.28	43	122418	50.560	ug/l	98
38) Carbon Tetrachloride	8.09	117	304040	49.088	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	352449	49.679	ug/l	99
40) Benzene	8.35	78	784325	49.130	ug/l	98
41) Methacrylonitrile	7.53	41	69635m	49.536	ug/l	
42) 1,2-Dichloroethane	8.43	62	221152	48.900	ug/l	99
43) Isopropyl Acetate	8.45	43	233869	51.892	ug/l	98
44) Trichloroethene	9.11	130	233634	49.809	ug/l	98
45) 1,2-Dichloropropane	9.38	63	197679	49.890	ug/l	98
46) Dibromomethane	9.47	93	105602	51.192	ug/l	96
47) Bromodichloromethane	9.66	83	275533	49.794	ug/l	99
48) Methyl methacrylate	9.46	41	118355	52.166	ug/l	97
49) 1,4-Dioxane	9.46	88	26244	1070.715	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	600312	263.469	ug/l	100
52) Toluene	10.40	92	523292	51.524	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	271542	52.190	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	316588	50.356	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	148430	52.224	ug/l	98
56) Ethyl methacrylate	10.66	69	185784	53.518	ug/l	98
57) 1,3-Dichloropropane	10.95	76	253707	51.043	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	406265	241.651	ug/l	97
59) 2-Hexanone	10.98	43	439664	280.576	ug/l	99
60) Dibromochloromethane	11.14	129	198235	51.050	ug/l	99
61) 1,2-Dibromoethane	11.25	107	144816	51.104	ug/l	97
64) Tetrachloroethene	10.87	164	199474	50.111	ug/l	97
65) Chlorobenzene	11.67	112	544456	49.359	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	204735	49.624	ug/l	99
67) Ethyl Benzene	11.74	91	972536	49.629	ug/l	100
68) m/p-Xylenes	11.86	106	749527	100.674	ug/l	99
69) o-Xylene	12.18	106	343287	50.617	ug/l	99
70) Styrene	12.20	104	599909	51.241	ug/l	99
71) Bromoform	12.36	173	117875	50.492	ug/l #	97
73) Isopropylbenzene	12.48	105	952963	51.049	ug/l	99
74) N-amyl acetate	12.29	43	218004	52.043	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	158016	50.987	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	106141m	47.304	ug/l	
77) Bromobenzene	12.76	156	230307	50.867	ug/l	100
78) n-propylbenzene	12.82	91	1106047	50.537	ug/l	100
79) 2-Chlorotoluene	12.91	91	621496	50.056	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	776095	50.829	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	56997	54.582	ug/l	95
82) 4-Chlorotoluene	13.01	91	643524	49.401	ug/l	98
83) tert-Butylbenzene	13.23	119	678252	52.139	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	771129	50.736	ug/l	99
85) sec-Butylbenzene	13.40	105	937876	50.873	ug/l	100
86) p-Isopropyltoluene	13.52	119	871232	51.668	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	427900	50.506	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	424055	50.170	ug/l	99
89) n-Butylbenzene	13.84	91	810143	51.163	ug/l	100
90) Hexachloroethane	14.11	117	169757	49.924	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	375972	50.773	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	26263	50.679	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	282110	53.455	ug/l	98
94) Hexachlorobutadiene	15.27	225	168440	52.764	ug/l	99
95) Naphthalene	15.40	128	476103	53.790	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	242124	53.189	ug/l	99

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

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