

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063547.D
 Acq On : 14 Aug 2019 00:20
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 14 00:53:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	965900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1296967	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1146006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	587423	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	576871	55.87	ug/l	0.00
Spiked Amount			Recovery	=	111.74%	
35) Dibromofluoromethane	6.93	113	623792	57.11	ug/l	0.00
Spiked Amount			Recovery	=	114.22%	
50) Toluene-d8	10.42	98	1345315	56.02	ug/l	0.00
Spiked Amount			Recovery	=	112.04%	
62) 4-Bromofluorobenzene	13.56	95	598134	54.95	ug/l	0.00
Spiked Amount			Recovery	=	109.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	635733	54.403	ug/l	97
3) Chloromethane	1.75	50	477913	52.345	ug/l	98
4) Vinyl Chloride	1.85	62	485385	53.553	ug/l	100
5) Bromomethane	2.15	94	254962	59.617	ug/l	99
6) Chloroethane	2.27	64	225137	54.319	ug/l	95
7) Trichlorofluoromethane	2.54	101	1054401	59.308	ug/l	97
8) Diethyl Ether	2.87	74	132249	52.687	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.15	101	576897	54.955	ug/l	97
10) Methyl Iodide	3.32	142	822069	55.346	ug/l	97
11) Tert butyl alcohol	4.09	59	149451	332.515	ug/l #	94
12) 1,1-Dichloroethene	3.13	96	427425	54.764	ug/l	91
13) Acrolein	3.04	56	128211	289.804	ug/l	90
14) Allyl chloride	3.62	41	660273	56.275	ug/l	99
15) Acrylonitrile	4.21	53	354714	297.953	ug/l	96
16) Acetone	3.23	43	510266	243.121	ug/l	98
17) Carbon Disulfide	3.37	76	1315902	53.422	ug/l	98
18) Methyl Acetate	3.65	43	236827	59.573	ug/l	95
19) Methyl tert-butyl Ether	4.25	73	984600	63.079	ug/l	100
20) Methylene Chloride	3.82	84	451397	49.738	ug/l	92
21) trans-1,2-Dichloroethene	4.22	96	472129	57.484	ug/l	97
22) Diisopropyl ether	5.14	45	1343726	55.500	ug/l	95
23) Vinyl Acetate	5.07	43	4091469	290.683	ug/l	97
24) 1,1-Dichloroethane	5.00	63	825777	54.991	ug/l	99
25) 2-Butanone	6.08	43	622585	300.350	ug/l	99
26) 2,2-Dichloropropane	6.03	77	759079	50.750	ug/l	98
27) cis-1,2-Dichloroethene	6.05	96	492666	54.826	ug/l	97
28) Bromochloromethane	6.45	49	337847	55.512	ug/l	92
29) Tetrahydrofuran	6.47	42	289677	299.903	ug/l	98
30) Chloroform	6.67	83	1074094	57.545	ug/l	93
31) Cyclohexane	6.97	56	515418	55.288	ug/l	96
32) 1,1,1-Trichloroethane	6.88	97	1032876	57.848	ug/l	96
36) 1,1-Dichloropropene	7.15	75	666942	58.170	ug/l	98
37) Ethyl Acetate	6.20	43	306693	63.836	ug/l	98
38) Carbon Tetrachloride	7.12	117	1081458	62.585	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	549921	56.405	ug/l	99
40) Benzene	7.47	78	1497105	59.335	ug/l	100
41) Methacrylonitrile	6.47	41	396948	65.619	ug/l #	96
42) 1,2-Dichloroethane	7.59	62	795234	62.681	ug/l	99
43) Isopropyl Acetate	9.25	43	407475	63.325	ug/l	100
44) Trichloroethene	8.55	130	586170	60.781	ug/l	100
45) 1,2-Dichloropropane	8.95	63	363498	61.864	ug/l	96
46) Dibromomethane	9.06	93	313896	62.556	ug/l	95
47) Bromodichloromethane	9.39	83	819772	63.690	ug/l	99
48) Methyl methacrylate	9.12	41	295976	67.825	ug/l	98
49) 1,4-Dioxane	9.08	88	52390	1335.909	ug/l #	90
51) 4-Methyl-2-Pentanone	10.31	43	1437073	326.383	ug/l	97
52) Toluene	10.52	92	962107	59.201	ug/l	99
53) t-1,3-Dichloropropene	10.92	75	695656	66.226	ug/l	100
54) cis-1,3-Dichloropropene	10.05	75	691254	58.362	ug/l	97
55) 1,1,2-Trichloroethane	11.19	97	344418	62.739	ug/l	96
56) Ethyl methacrylate	11.05	69	392214	65.825	ug/l	93
57) 1,3-Dichloropropane	11.42	76	539401	65.003	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.87	63	941107	299.175	ug/l	100
59) 2-Hexanone	11.54	43	1034964	323.046	ug/l	92
60) Dibromochloromethane	11.69	129	639183	63.987	ug/l	96
61) 1,2-Dibromoethane	11.81	107	425209	63.983	ug/l	99
64) Tetrachloroethene	11.27	164	529370	59.837	ug/l	98
65) Chlorobenzene	12.40	112	1251132	58.249	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	566504	59.930	ug/l	94
67) Ethyl Benzene	12.53	91	2030619	54.372	ug/l	100
68) m/p-Xylenes	12.67	106	1480103	112.804	ug/l	94
69) o-Xylene	13.05	106	740752	58.657	ug/l	95
70) Styrene	13.08	104	1289975	57.426	ug/l	98
71) Bromoform	13.24	173	421620	65.048	ug/l	97
73) Isopropylbenzene	13.41	105	2200667	58.899	ug/l	99
74) N-amyl acetate	13.27	43	622270	66.345	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	400139	64.522	ug/l	94
76) 1,2,3-Trichloropropane	13.74	75	426377	63.245	ug/l	99
77) Bromobenzene	13.67	156	649731	63.627	ug/l	97
78) n-propylbenzene	13.78	91	2624120	60.026	ug/l	98
79) 2-Chlorotoluene	13.85	91	1497693	59.418	ug/l	93
80) 1,3,5-Trimethylbenzene	13.94	105	1784904	54.675	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	112410	62.037	ug/l	92
82) 4-Chlorotoluene	13.95	91	1721924	56.810	ug/l	97
83) tert-Butylbenzene	14.19	119	2002908	58.263	ug/l	93
84) 1,2,4-Trimethylbenzene	14.24	105	1865501	61.759	ug/l	94
85) sec-Butylbenzene	14.37	105	2174259	59.556	ug/l	99
86) p-Isopropyltoluene	14.50	119	2057889	58.954	ug/l	96
87) 1,3-Dichlorobenzene	14.46	146	1117907	60.523	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	1042611	58.834	ug/l	99
89) n-Butylbenzene	14.80	91	1802571	56.580	ug/l	96
90) Hexachloroethane	15.01	117	542303	61.810	ug/l	96
91) 1,2-Dichlorobenzene	14.81	146	915791	58.438	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	75646	64.781	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	711190	61.675	ug/l	98
94) Hexachlorobutadiene	16.04	225	518827	59.036	ug/l	96
95) Naphthalene	16.12	128	1087798	62.247	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	557284	59.836	ug/l	98

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

