

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
 Data File : VD062339.D
 Acq On : 14 May 2019 11:14
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 14 12:09:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	683663	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	921145	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	790618	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	421448	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.47	65	348118	54.79	ug/l	0.04
Spiked Amount	50.000		Recovery	=	109.58%	
35) Dibromofluoromethane	6.94	113	394897	51.67	ug/l	0.05
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	10.42	98	883151	47.93	ug/l	0.02
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	13.57	95	389235	52.60	ug/l	0.02
Spiked Amount	50.000		Recovery	=	105.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	342816	52.429	ug/l	98
3) Chloromethane	1.76	50	210834	44.624	ug/l	97
4) Vinyl Chloride	1.86	62	227050	48.898	ug/l	100
5) Bromomethane	2.15	94	82666	75.980	ug/l	97
6) Chloroethane	2.27	64	119594	61.381	ug/l	98
7) Trichlorofluoromethane	2.54	101	591036	65.472	ug/l	99
8) Diethyl Ether	2.88	74	73392	42.155	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.16	101	358042	52.431	ug/l	93
10) Methyl Iodide	3.31	142	431272	41.786	ug/l #	79
11) Tert butyl alcohol	4.08	59	85478	263.573	ug/l	96
12) 1,1-Dichloroethene	3.14	96	263188	50.489	ug/l #	82
13) Acrolein	3.05	56	90251	269.060	ug/l	93
14) Allyl chloride	3.64	41	373590	49.290	ug/l #	81
15) Acrylonitrile	4.21	53	207927	243.925	ug/l	90
16) Acetone	3.23	43	442767	332.316	ug/l #	88
17) Carbon Disulfide	3.38	76	692204	46.160	ug/l	99
18) Methyl Acetate	3.65	43	119600	50.192	ug/l	91
19) Methyl tert-butyl Ether	4.25	73	595235	53.273	ug/l	94
20) Methylene Chloride	3.82	84	259847	46.709	ug/l	90
21) trans-1,2-Dichloroethene	4.23	96	300975	51.886	ug/l	88
22) Diisopropyl ether	5.13	45	851538	52.796	ug/l	91
23) Vinyl Acetate	5.07	43	2520834	296.229	ug/l	98
24) 1,1-Dichloroethane	5.01	63	504820	51.883	ug/l	99
25) 2-Butanone	6.09	43	405390	278.946	ug/l	97
26) 2,2-Dichloropropane	6.04	77	580261	59.869	ug/l	93
27) cis-1,2-Dichloroethene	6.05	96	333228	51.322	ug/l	95
28) Bromochloromethane	6.45	49	234020	61.132	ug/l	85
29) Tetrahydrofuran	6.47	42	166697	248.943	ug/l	95
30) Chloroform	6.68	83	669618	57.104	ug/l	100
31) Cyclohexane	6.97	56	324012	48.607	ug/l	97
32) 1,1,1-Trichloroethane	6.88	97	664507	59.954	ug/l	97
36) 1,1-Dichloropropene	7.16	75	419961	55.605	ug/l	94
37) Ethyl Acetate	6.20	43	170248	53.154	ug/l #	90
38) Carbon Tetrachloride	7.13	117	731595	69.987	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	368802	50.966	ug/l	97
40) Benzene	7.47	78	865570	50.753	ug/l	99
41) Methacrylonitrile	6.46	41	218456	55.812	ug/l #	86
42) 1,2-Dichloroethane	7.59	62	428734	59.335	ug/l	94
43) Isopropyl Acetate	9.26	43	230645	50.775	ug/l #	93
44) Trichloroethene	8.56	130	333868	51.375	ug/l	90
45) 1,2-Dichloropropane	8.95	63	216675	51.364	ug/l	94
46) Dibromomethane	9.08	93	191704	55.884	ug/l	88
47) Bromodichloromethane	9.39	83	538557	64.184	ug/l	98
48) Methyl methacrylate	9.14	41	145270	51.920	ug/l #	84
49) 1,4-Dioxane	9.10	88	28872	956.384	ug/l #	87
51) 4-Methyl-2-Pentanone	10.31	43	780042	267.144	ug/l	91
52) Toluene	10.53	92	568103	51.197	ug/l	98
53) t-1,3-Dichloropropene	10.93	75	406557	56.061	ug/l	100
54) cis-1,3-Dichloropropene	10.05	75	433773	54.829	ug/l #	88
55) 1,1,2-Trichloroethane	11.20	97	209170	53.276	ug/l	94
56) Ethyl methacrylate	11.05	69	205662	50.409	ug/l #	75
57) 1,3-Dichloropropane	11.42	76	308812	52.064	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.88	63	632844	283.971	ug/l	97
59) 2-Hexanone	11.54	43	645536	299.957	ug/l	90
60) Dibromochloromethane	11.70	129	385557	56.823	ug/l	100
61) 1,2-Dibromoethane	11.81	107	244097	51.138	ug/l	96
64) Tetrachloroethene	11.27	164	303903	49.157	ug/l	94
65) Chlorobenzene	12.41	112	713717	48.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	341898	53.349	ug/l	92
67) Ethyl Benzene	12.53	91	1306853	53.011	ug/l	94
68) m/p-Xylenes	12.68	106	847739	94.516	ug/l	83
69) o-Xylene	13.05	106	395066	47.378	ug/l	80
70) Styrene	13.08	104	702114	49.705	ug/l	96
71) Bromoform	13.24	173	217319	48.739	ug/l	100
73) Isopropylbenzene	13.41	105	1300537	51.480	ug/l	96
74) N-amyl acetate	13.27	43	326055	49.228	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.70	83	207278	43.340	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	243743	48.665	ug/l	100
77) Bromobenzene	13.67	156	347247	49.102	ug/l	89
78) n-propylbenzene	13.78	91	1455297	48.291	ug/l	97
79) 2-Chlorotoluene	13.85	91	850332	49.268	ug/l	93
80) 1,3,5-Trimethylbenzene	13.94	105	1100199	51.717	ug/l	90
81) trans-1,4-Dichloro-2-buten	13.48	75	67888	48.013	ug/l #	72
82) 4-Chlorotoluene	13.95	91	1083770	53.362	ug/l	82
83) tert-Butylbenzene	14.20	119	1206334	50.451	ug/l	91
84) 1,2,4-Trimethylbenzene	14.25	105	1112241	52.101	ug/l	89
85) sec-Butylbenzene	14.37	105	1295987	49.434	ug/l	98
86) p-Isopropyltoluene	14.50	119	1237103	52.816	ug/l	95
87) 1,3-Dichlorobenzene	14.46	146	627775	48.594	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	593234	46.735	ug/l	99
89) n-Butylbenzene	14.81	91	1198453	57.005	ug/l	96
90) Hexachloroethane	15.01	117	318577	50.014	ug/l	89
91) 1,2-Dichlorobenzene	14.82	146	551551	51.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.39	75	44338	56.477	ug/l	77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	419151	54.125	ug/l	97
94) Hexachlorobutadiene	16.05	225	327395	56.841	ug/l	98
95) Naphthalene	16.13	128	563128	52.085	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	294937	60.574	ug/l	98

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

