

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
 Data File : VD063395.D
 Acq On : 6 Aug 2019 13:30
 Operator : JC/SY
 Sample : VD0806SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

Quant Time: Aug 07 06:40:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1128190	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1626373	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1287025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	686073	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	639081	51.05	ug/l	0.02
Spiked Amount 50.000			Recovery =	102.10%		
35) Dibromofluoromethane	6.93	113	714992	51.49	ug/l	0.03
Spiked Amount 50.000			Recovery =	102.98%		
50) Toluene-d8	10.42	98	1537432	49.47	ug/l	0.02
Spiked Amount 50.000			Recovery =	98.94%		
62) 4-Bromofluorobenzene	13.56	95	659098	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.08%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	284495	20.630	ug/l	90
3) Chloromethane	1.75	50	218790	20.420	ug/l	91
4) Vinyl Chloride	1.84	62	220820	19.908	ug/l	98
5) Bromomethane	2.15	94	90410	16.162	ug/l	99
6) Chloroethane	2.26	64	94899	18.531	ug/l	96
7) Trichlorofluoromethane	2.52	101	445392	20.698	ug/l	98
8) Diethyl Ether	2.88	74	61608	20.457	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.14	101	254712	21.369	ug/l	98
10) Methyl Iodide	3.30	142	310323	18.022	ug/l	98
11) Tert butyl alcohol	4.09	59	52275	95.155	ug/l #	90
12) 1,1-Dichloroethene	3.12	96	195639	22.357	ug/l	91
13) Acrolein	3.04	56	42808	80.967	ug/l	98
14) Allyl chloride	3.62	41	285955	20.513	ug/l	99
15) Acrylonitrile	4.21	53	153009	107.429	ug/l	94
16) Acetone	3.23	43	255303	104.673	ug/l #	90
17) Carbon Disulfide	3.37	76	584466	19.955	ug/l	100
18) Methyl Acetate	3.65	43	97504	20.812	ug/l	97
19) Methyl tert-butyl Ether	4.25	73	416835	21.088	ug/l	98
20) Methylene Chloride	3.81	84	202035	20.492	ug/l	90
21) trans-1,2-Dichloroethene	4.22	96	205739	20.954	ug/l	99
22) Diisopropyl ether	5.13	45	584438	20.985	ug/l	93
23) Vinyl Acetate	5.06	43	1794795	104.836	ug/l	98
24) 1,1-Dichloroethane	4.99	63	361090	20.298	ug/l	100
25) 2-Butanone	6.08	43	250760	102.443	ug/l #	86
26) 2,2-Dichloropropane	6.03	77	389708	21.257	ug/l	95
27) cis-1,2-Dichloroethene	6.04	96	219648	20.865	ug/l	94
28) Bromochloromethane	6.44	49	145505	20.528	ug/l #	93
29) Tetrahydrofuran	6.47	42	120399	103.890	ug/l	98
30) Chloroform	6.67	83	457152	20.707	ug/l	99
31) Cyclohexane	6.96	56	211780	18.992	ug/l	93
32) 1,1,1-Trichloroethane	6.87	97	446875	20.926	ug/l	95
36) 1,1-Dichloropropene	7.15	75	304849	20.539	ug/l	98
37) Ethyl Acetate	6.19	43	130556	19.579	ug/l	98
38) Carbon Tetrachloride	7.11	117	416956	18.660	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	8.87	83	235714	19.061	ug/l	93
40) Benzene	7.45	78	625561	20.110	ug/l	97
41) Methacrylonitrile	6.46	41	160867	20.168	ug/l #	94
42) 1,2-Dichloroethane	7.58	62	327349	19.856	ug/l	96
43) Isopropyl Acetate	9.25	43	166419	19.537	ug/l #	98
44) Trichloroethene	8.55	130	242265	19.220	ug/l	99
45) 1,2-Dichloropropane	8.94	63	160511	20.300	ug/l	99
46) Dibromomethane	9.07	93	128958	19.615	ug/l	98
47) Bromodichloromethane	9.38	83	332841	19.861	ug/l	90
48) Methyl methacrylate	9.13	41	108319	19.607	ug/l	94
49) 1,4-Dioxane	9.09	88	19524	414.787	ug/l #	86
51) 4-Methyl-2-Pentanone	10.31	43	596267	102.930	ug/l	100
52) Toluene	10.52	92	417719	20.190	ug/l	96
53) t-1,3-Dichloropropene	10.92	75	274776	19.018	ug/l	91
54) cis-1,3-Dichloropropene	10.04	75	305016	20.087	ug/l	100
55) 1,1,2-Trichloroethane	11.20	97	141637	20.270	ug/l	92
56) Ethyl methacrylate	11.05	69	158828	20.757	ug/l	90
57) 1,3-Dichloropropane	11.41	76	210807	19.148	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.87	63	388896	97.677	ug/l	97
59) 2-Hexanone	11.54	43	421092	100.869	ug/l	98
60) Dibromochloromethane	11.69	129	269191	20.406	ug/l	100
61) 1,2-Dibromoethane	11.81	107	171316	19.869	ug/l	98
64) Tetrachloroethene	11.26	164	216859	21.150	ug/l	92
65) Chlorobenzene	12.41	112	507517	20.501	ug/l	95
66) 1,1,1,2-Tetrachloroethane	12.51	131	237363	21.768	ug/l	98
67) Ethyl Benzene	12.52	91	883856	21.017	ug/l	96
68) m/p-Xylenes	12.67	106	657810	42.653	ug/l	98
69) o-Xylene	13.06	106	301267	21.272	ug/l	96
70) Styrene	13.08	104	539383	21.476	ug/l	100
71) Bromoform	13.24	173	163239	20.585	ug/l	98
73) Isopropylbenzene	13.41	105	930170	21.602	ug/l	99
74) N-amyl acetate	13.27	43	245146	21.536	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	13.71	83	163528	22.357	ug/l	100
76) 1,2,3-Trichloropropane	13.74	75	176185	21.380	ug/l	96
77) Bromobenzene	13.68	156	261189	21.293	ug/l	78
78) n-propylbenzene	13.78	91	971762	18.964	ug/l	97
79) 2-Chlorotoluene	13.84	91	619702	20.871	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	787132	21.194	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.48	75	40487	17.693	ug/l #	81
82) 4-Chlorotoluene	13.95	91	758358	21.703	ug/l	97
83) tert-Butylbenzene	14.19	119	852717	20.108	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	744573	19.383	ug/l	97
85) sec-Butylbenzene	14.37	105	930532	20.827	ug/l	97
86) p-Isopropyltoluene	14.49	119	912968	21.410	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	478442	22.025	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	433576	19.738	ug/l	98
89) n-Butylbenzene	14.80	91	792779	21.525	ug/l	95
90) Hexachloroethane	15.01	117	224011	20.163	ug/l	83
91) 1,2-Dichlorobenzene	14.81	146	410557	21.692	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	31296	21.006	ug/l	64

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93) 1,2,4-Trichlorobenzene	15.95	180	285339	19.004	ug/l	98
94) Hexachlorobutadiene	16.04	225	212903	19.567	ug/l	98
95) Naphthalene	16.13	128	431644	20.340	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	221845	18.703	ug/l	98

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

