

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120718\
 Data File : VD060512.D
 Acq On : 7 Dec 2018 12:25
 Operator : VA/AP
 Sample : VD1207SBS01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBS01

Manual Integrations
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 12/10/2018 4:46:35 PM

Quant Time: Dec 08 02:17:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1681306	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	2296113	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1848100	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	934571	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	551192	46.25	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	92.50%	
35) Dibromofluoromethane	6.32	113	815400	48.35	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	96.70%	
50) Toluene-d8	9.44	98	2398652	49.15	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.42	95	825538	47.27	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	94.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	442783	24.295	ug/l	98
3) Chloromethane	1.77	50	384472	22.257	ug/l	100
4) Vinyl Chloride	1.87	62	306398	22.224	ug/l	98
5) Bromomethane	2.15	94	53890	15.625	ug/l	96
6) Chloroethane	2.26	64	76823	16.170	ug/l	90
7) Trichlorofluoromethane	2.52	101	320155	20.111	ug/l	100
8) Diethyl Ether	2.83	74	55202	20.076	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.10	101	214815	20.797	ug/l	97
10) Methyl Iodide	3.25	142	236099	19.555	ug/l	95
11) Tert butyl alcohol	3.98	59	42950	88.711	ug/l	98
12) 1,1-Dichloroethene	3.08	96	173169	20.606	ug/l	95
13) Acrolein	2.99	56	53106	100.384	ug/l	92
14) Allyl chloride	3.53	41	331223	20.774	ug/l	97
15) Acrylonitrile	4.08	53	278910	101.456	ug/l	95
16) Acetone	3.16	43	184534	96.604	ug/l	98
17) Carbon Disulfide	3.32	76	562957	20.623	ug/l	99
18) Methyl Acetate	3.56	43	88690	19.536	ug/l	98
19) Methyl tert-butyl Ether	4.12	73	472811	20.288	ug/l	97
20) Methylene Chloride	3.72	84	386965	19.318	ug/l	95
21) trans-1,2-Dichloroethene	4.09	96	378888	20.727	ug/l	97
22) Diisopropyl ether	4.85	45	1165221	20.355	ug/l	98
23) Vinyl Acetate	4.80	43	2881849	101.606	ug/l	99
24) 1,1-Dichloroethane	4.75	63	601408	20.222	ug/l	99
25) 2-Butanone	5.61	43	363555	96.738	ug/l	98
26) 2,2-Dichloropropane	5.58	77	470795	20.492	ug/l	97
27) cis-1,2-Dichloroethene	5.59	96	369710	19.891	ug/l	100
28) Bromochloromethane	5.91	49	251947	19.124	ug/l	91
29) Tetrahydrofuran	5.94	42	213756	100.442	ug/l	99
30) Chloroform	6.09	83	601283	20.069	ug/l	98
31) Cyclohexane	6.36	56	579689	20.537	ug/l	96
32) 1,1,1-Trichloroethane	6.28	97	505155	20.509	ug/l	99
36) 1,1-Dichloropropene	6.51	75	474266	21.131	ug/l	99
37) Ethyl Acetate	5.69	43	195775	20.113	ug/l	98
38) Carbon Tetrachloride	6.48	117	428144	21.249	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.03	83	541980	21.183	ug/l	99
40) Benzene	6.78	78	1178161	20.540	ug/l	100
41) Methacrylonitrile	5.91	41	106296m	20.258	ug/l	
42) 1,2-Dichloroethane	6.88	62	293463	20.122	ug/l	99
43) Isopropyl Acetate	8.33	43	246669	20.529	ug/l #	100
44) Trichloroethene	7.72	130	365795	21.339	ug/l	100
45) 1,2-Dichloropropane	8.09	63	294642	20.769	ug/l	96
46) Dibromomethane	8.21	93	164596	20.081	ug/l	97
47) Bromodichloromethane	8.48	83	400533	20.595	ug/l	98
48) Methyl methacrylate	8.24	41	152150	21.401	ug/l	96
49) 1,4-Dioxane	8.22	88	26477	410.907	ug/l	93
51) 4-Methyl-2-Pentanone	9.33	43	767900	102.741	ug/l	97
52) Toluene	9.54	92	742903	20.722	ug/l	98
53) t-1,3-Dichloropropene	9.90	75	325429	20.364	ug/l	98
54) cis-1,3-Dichloropropene	9.09	75	428787	20.422	ug/l	99
55) 1,1,2-Trichloroethane	10.17	97	200931	20.125	ug/l	98
56) Ethyl methacrylate	10.02	69	188870	20.903	ug/l	97
57) 1,3-Dichloropropane	10.37	76	318577	20.641	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.91	63	559391	103.467	ug/l	96
59) 2-Hexanone	10.47	43	527835	101.035	ug/l	97
60) Dibromochloromethane	10.63	129	257589	20.636	ug/l	99
61) 1,2-Dibromoethane	10.75	107	212278	20.863	ug/l	98
64) Tetrachloroethene	10.23	164	322024	19.678	ug/l	96
65) Chlorobenzene	11.30	112	818672	20.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.40	131	262763	20.851	ug/l	96
67) Ethyl Benzene	11.41	91	1436877	21.546	ug/l	97
68) m/p-Xylenes	11.55	106	1053877	42.716	ug/l	96
69) o-Xylene	11.93	106	492038	20.927	ug/l	94
70) Styrene	11.95	104	783035	20.748	ug/l	99
71) Bromoform	12.10	173	162784	19.362	ug/l	99
73) Isopropylbenzene	12.26	105	1360827	20.577	ug/l	99
74) N-amyl acetate	12.12	43	312340	19.542	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.56	83	209215	19.761	ug/l	97
76) 1,2,3-Trichloropropane	12.59	75	202696	19.142	ug/l	98
77) Bromobenzene	12.53	156	344767	19.833	ug/l	94
78) n-propylbenzene	12.63	91	1720470	20.580	ug/l	97
79) 2-Chlorotoluene	12.69	91	942012	20.766	ug/l	97
80) 1,3,5-Trimethylbenzene	12.78	105	1095412	21.677	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.33	75	56375	19.088	ug/l	96
82) 4-Chlorotoluene	12.80	91	1089025	21.374	ug/l	99
83) tert-Butylbenzene	13.04	119	1205336	21.273	ug/l	96
84) 1,2,4-Trimethylbenzene	13.09	105	1106122	21.139	ug/l	98
85) sec-Butylbenzene	13.22	105	1420151	20.110	ug/l	96
86) p-Isopropyltoluene	13.33	119	1164532	20.802	ug/l	99
87) 1,3-Dichlorobenzene	13.30	146	639780	20.327	ug/l	98
88) 1,4-Dichlorobenzene	13.38	146	620339	20.091	ug/l	98
89) n-Butylbenzene	13.64	91	1259427	20.217	ug/l	99
90) Hexachloroethane	13.85	117	288901	20.583	ug/l	84
91) 1,2-Dichlorobenzene	13.65	146	531702	20.671	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.22	75	25693	20.028	ug/l	67

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93) 1,2,4-Trichlorobenzene	14.78	180	399362	19.861	ug/l	96
94) Hexachlorobutadiene	14.87	225	303833	20.480	ug/l	97
95) Naphthalene	14.96	128	474505	19.836	ug/l	100
96) 1,2,3-Trichlorobenzene	15.11	180	319364	19.933	ug/l	98

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

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