

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111218\
 Data File : VD060331.D
 Acq On : 12 Nov 2018 12:15
 Operator : JC/SY
 Sample : VD1112SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1112SBS01

Quant Time: Nov 13 00:54:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1818090	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	2544345	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	2006337	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	1032377	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	678017	52.08	ug/l	-0.02
Spiked Amount			Recovery	=	104.16%	
35) Dibromofluoromethane	6.31	113	988629	52.11	ug/l	-0.02
Spiked Amount			Recovery	=	104.22%	
50) Toluene-d8	9.44	98	2838391	51.12	ug/l	-0.02
Spiked Amount			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.42	95	1013917	50.39	ug/l	-0.02
Spiked Amount			Recovery	=	100.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.61	85	371808	23.659	ug/l	98
3) Chloromethane	1.78	50	360763	20.948	ug/l	97
4) Vinyl Chloride	1.88	62	299257	21.278	ug/l	99
5) Bromomethane	2.16	94	53631	16.073	ug/l	99
6) Chloroethane	2.27	64	79252	16.983	ug/l	99
7) Trichlorofluoromethane	2.53	101	340126	20.512	ug/l	100
8) Diethyl Ether	2.84	74	57960	19.306	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.10	101	234458	21.498	ug/l	97
10) Methyl Iodide	3.25	142	275166	19.426	ug/l	96
11) Tert butyl alcohol	3.98	59	41042	76.777	ug/l	96
12) 1,1-Dichloroethene	3.09	96	186492	21.022	ug/l	98
13) Acrolein	3.00	56	54875	86.877	ug/l	94
14) Allyl chloride	3.55	41	346121	20.391	ug/l	99
15) Acrylonitrile	4.09	53	305160	97.894	ug/l	98
16) Acetone	3.17	43	221202	97.960	ug/l	100
17) Carbon Disulfide	3.32	76	583148	20.366	ug/l	98
18) Methyl Acetate	3.57	43	99584	20.683	ug/l	99
19) Methyl tert-butyl Ether	4.13	73	516831	19.457	ug/l	99
20) Methylene Chloride	3.73	84	512639	25.592	ug/l	98
21) trans-1,2-Dichloroethene	4.10	96	403785	20.500	ug/l	97
22) Diisopropyl ether	4.86	45	1297028	20.453	ug/l	95
23) Vinyl Acetate	4.81	43	3282171	104.016	ug/l	99
24) 1,1-Dichloroethane	4.76	63	675435	20.770	ug/l	99
25) 2-Butanone	5.62	43	450407	95.963	ug/l	99
26) 2,2-Dichloropropane	5.58	77	551908	21.830	ug/l	95
27) cis-1,2-Dichloroethene	5.59	96	413206	20.137	ug/l	93
28) Bromochloromethane	5.92	49	301769	21.031	ug/l	100
29) Tetrahydrofuran	5.95	42	238377	96.331	ug/l	99
30) Chloroform	6.10	83	678806	20.880	ug/l	99
31) Cyclohexane	6.36	56	629439	20.251	ug/l	96
32) 1,1,1-Trichloroethane	6.28	97	564508	20.614	ug/l	98
36) 1,1-Dichloropropene	6.51	75	534819	21.276	ug/l	98
37) Ethyl Acetate	5.69	43	226119	19.549	ug/l	99
38) Carbon Tetrachloride	6.49	117	480512	20.607	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.03	83	607938	21.028	ug/l	97
40) Benzene	6.79	78	1331453	20.750	ug/l	99
41) Methacrylonitrile	5.94	41	257197	19.427	ug/l	98
42) 1,2-Dichloroethane	6.89	62	351125	20.907	ug/l	97
43) Isopropyl Acetate	8.34	43	267108	18.384	ug/l #	99
44) Trichloroethene	7.73	130	406728	20.911	ug/l	97
45) 1,2-Dichloropropane	8.10	63	332579	20.552	ug/l	95
46) Dibromomethane	8.20	93	188325	19.870	ug/l	94
47) Bromodichloromethane	8.48	83	467195	20.918	ug/l	99
48) Methyl methacrylate	8.23	41	165215	18.720	ug/l	96
49) 1,4-Dioxane	8.21	88	30166	395.039	ug/l #	83
51) 4-Methyl-2-Pentanone	9.33	43	911017	96.335	ug/l	98
52) Toluene	9.53	92	854300	20.843	ug/l	99
53) t-1,3-Dichloropropene	9.91	75	381837	20.234	ug/l	100
54) cis-1,3-Dichloropropene	9.09	75	504010	20.824	ug/l	98
55) 1,1,2-Trichloroethane	10.17	97	229388	19.309	ug/l	98
56) Ethyl methacrylate	10.01	69	217036	19.870	ug/l #	72
57) 1,3-Dichloropropane	10.37	76	357633	19.757	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.91	63	691364	104.681	ug/l	99
59) 2-Hexanone	10.48	43	684444	101.546	ug/l	98
60) Dibromochloromethane	10.62	129	298842	20.694	ug/l	100
61) 1,2-Dibromoethane	10.74	107	226590	19.037	ug/l	99
64) Tetrachloroethene	10.24	164	367777	20.533	ug/l	98
65) Chlorobenzene	11.30	112	901201	20.731	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.41	131	304978	21.442	ug/l	97
67) Ethyl Benzene	11.41	91	1602702	21.552	ug/l	97
68) m/p-Xylenes	11.56	106	1184352	43.174	ug/l	99
69) o-Xylene	11.92	106	565970	21.356	ug/l	97
70) Styrene	11.94	104	917627	21.425	ug/l	97
71) Bromoform	12.11	173	192602	20.151	ug/l	99
73) Isopropylbenzene	12.27	105	1568429	20.852	ug/l	100
74) N-amyl acetate	12.12	43	377455	19.574	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.55	83	232993	18.941	ug/l	96
76) 1,2,3-Trichloropropane	12.58	75	240941	19.510	ug/l	96
77) Bromobenzene	12.53	156	411017	20.572	ug/l	99
78) n-propylbenzene	12.63	91	1885855	20.087	ug/l	100
79) 2-Chlorotoluene	12.69	91	1089211	21.183	ug/l	94
80) 1,3,5-Trimethylbenzene	12.78	105	1246124	21.318	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.33	75	71015	20.198	ug/l	92
82) 4-Chlorotoluene	12.80	91	1185816	20.530	ug/l	94
83) tert-Butylbenzene	13.04	119	1406491	21.673	ug/l	95
84) 1,2,4-Trimethylbenzene	13.08	105	1215878	20.827	ug/l	96
85) sec-Butylbenzene	13.21	105	1646808	20.683	ug/l	96
86) p-Isopropyltoluene	13.33	119	1350942	21.069	ug/l #	64
87) 1,3-Dichlorobenzene	13.30	146	1367593	38.474	ug/l	96
88) 1,4-Dichlorobenzene	13.38	146	723112	20.829	ug/l	97
89) n-Butylbenzene	13.64	91	1404817	19.910	ug/l	96
90) Hexachloroethane	13.85	117	324974	21.374	ug/l	81
91) 1,2-Dichlorobenzene	13.66	146	611463	20.943	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.22	75	29709	20.007	ug/l	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	464310	20.057	ug/l	97
94) Hexachlorobutadiene	14.88	225	350288	20.231	ug/l	98
95) Naphthalene	14.95	128	561590	19.868	ug/l	99
96) 1,2,3-Trichlorobenzene	15.10	180	371791	20.043	ug/l	97

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

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