

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112618\
 Data File : VD060451.D
 Acq On : 26 Nov 2018 12:44
 Operator : VA/AP
 Sample : VD1126SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBS01

Quant Time: Nov 26 14:51:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	1323892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.47	114	1854215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.31	117	1430342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	733712	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.82	65	479315	50.56	ug/l	0.02
Spiked Amount			Recovery	=	101.12%	
35) Dibromofluoromethane	6.36	113	713292	51.59	ug/l	0.02
Spiked Amount			Recovery	=	103.18%	
50) Toluene-d8	9.49	98	2028396	50.12	ug/l	0.02
Spiked Amount			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.44	95	703726	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	263051	22.843	ug/l	96
3) Chloromethane	1.77	50	253648	20.227	ug/l	99
4) Vinyl Chloride	1.87	62	221837	21.661	ug/l	100
5) Bromomethane	2.16	94	43988	18.104	ug/l	98
6) Chloroethane	2.28	64	65660	19.323	ug/l	97
7) Trichlorofluoromethane	2.53	101	260553	21.579	ug/l	98
8) Diethyl Ether	2.85	74	46297	21.178	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.12	101	176608	22.239	ug/l	98
10) Methyl Iodide	3.28	142	194190	18.827	ug/l	96
11) Tert butyl alcohol	3.99	59	40682	104.513	ug/l #	88
12) 1,1-Dichloroethene	3.10	96	141706	21.937	ug/l	93
13) Acrolein	3.01	56	31031	67.467	ug/l	96
14) Allyl chloride	3.56	41	254155	20.563	ug/l	95
15) Acrylonitrile	4.12	53	242898	107.007	ug/l	100
16) Acetone	3.19	43	183497	111.597	ug/l	95
17) Carbon Disulfide	3.34	76	413874	19.849	ug/l	98
18) Methyl Acetate	3.58	43	73015	20.826	ug/l	100
19) Methyl tert-butyl Ether	4.15	73	423802	21.910	ug/l	99
20) Methylene Chloride	3.75	84	317612	21.775	ug/l	99
21) trans-1,2-Dichloroethene	4.13	96	321319	22.403	ug/l	96
22) Diisopropyl ether	4.89	45	1002473	21.709	ug/l	97
23) Vinyl Acetate	4.83	43	2511526	109.305	ug/l	99
24) 1,1-Dichloroethane	4.79	63	530185	22.390	ug/l	100
25) 2-Butanone	5.65	43	368266	107.751	ug/l	99
26) 2,2-Dichloropropane	5.62	77	419738	22.799	ug/l	99
27) cis-1,2-Dichloroethene	5.63	96	329517	22.053	ug/l	99
28) Bromochloromethane	5.95	49	216138	20.687	ug/l	95
29) Tetrahydrofuran	5.98	42	188017	104.342	ug/l	100
30) Chloroform	6.13	83	529554	22.370	ug/l	99
31) Cyclohexane	6.40	56	476914	21.072	ug/l	98
32) 1,1,1-Trichloroethane	6.33	97	448727	22.503	ug/l	99
36) 1,1-Dichloropropene	6.55	75	391554	21.374	ug/l	98
37) Ethyl Acetate	5.73	43	174618	20.715	ug/l #	96
38) Carbon Tetrachloride	6.53	117	374199	22.021	ug/l	99

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39) Methylcyclohexane	8.07	83	438829	20.828	ug/l	99
40) Benzene	6.82	78	1005078	21.494	ug/l	99
41) Methacrylonitrile	5.98	41	206757	21.430	ug/l #	95
42) 1,2-Dichloroethane	6.93	62	257494	21.038	ug/l	99
43) Isopropyl Acetate	8.37	43	215190	20.323	ug/l #	100
44) Trichloroethene	7.77	130	314348	22.176	ug/l	99
45) 1,2-Dichloropropane	8.13	63	260975	22.129	ug/l	94
46) Dibromomethane	8.25	93	149046	21.579	ug/l	99
47) Bromodichloromethane	8.52	83	353670	21.729	ug/l #	97
48) Methyl methacrylate	8.28	41	130974	20.364	ug/l	94
49) 1,4-Dioxane	8.26	88	24643	442.825	ug/l #	79
51) 4-Methyl-2-Pentanone	9.37	43	722647	104.857	ug/l	98
52) Toluene	9.57	92	655981	21.961	ug/l	99
53) t-1,3-Dichloropropene	9.95	75	300084	21.821	ug/l	99
54) cis-1,3-Dichloropropene	9.13	75	374940	21.257	ug/l	96
55) 1,1,2-Trichloroethane	10.20	97	180205	20.815	ug/l	97
56) Ethyl methacrylate	10.06	69	168699	21.193	ug/l	97
57) 1,3-Dichloropropane	10.41	76	276055	20.926	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.94	63	516410	107.293	ug/l	99
59) 2-Hexanone	10.51	43	534271	108.769	ug/l	99
60) Dibromochloromethane	10.67	129	229138	21.773	ug/l	99
61) 1,2-Dibromoethane	10.78	107	189328	21.826	ug/l	95
64) Tetrachloroethene	10.27	164	286814	22.461	ug/l	98
65) Chlorobenzene	11.34	112	713575	23.025	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.43	131	238578	23.528	ug/l	98
67) Ethyl Benzene	11.44	91	1280316	24.150	ug/l	98
68) m/p-Xylenes	11.58	106	908834	46.472	ug/l	97
69) o-Xylene	11.96	106	431038	22.814	ug/l	89
70) Styrene	11.98	104	710169	23.259	ug/l	99
71) Bromoform	12.13	173	147417	21.635	ug/l	97
73) Isopropylbenzene	12.29	105	1248565	23.357	ug/l	99
74) N-amyl acetate	12.15	43	284082	20.728	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	184615	21.117	ug/l	99
76) 1,2,3-Trichloropropane	12.61	75	184666	21.040	ug/l	95
77) Bromobenzene	12.56	156	302948	21.335	ug/l	98
78) n-propylbenzene	12.65	91	1536888	23.034	ug/l	99
79) 2-Chlorotoluene	12.72	91	831395	22.751	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	943092	22.701	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.36	75	50456	20.192	ug/l	91
82) 4-Chlorotoluene	12.82	91	912371	22.226	ug/l	99
83) tert-Butylbenzene	13.06	119	1063974	23.068	ug/l	91
84) 1,2,4-Trimethylbenzene	13.11	105	981079	23.646	ug/l	98
85) sec-Butylbenzene	13.23	105	1279494	22.611	ug/l	98
86) p-Isopropyltoluene	13.35	119	1057465	23.206	ug/l	95
87) 1,3-Dichlorobenzene	13.32	146	573310	22.694	ug/l	95
88) 1,4-Dichlorobenzene	13.40	146	550468	22.311	ug/l	96
89) n-Butylbenzene	13.66	91	1085762	21.876	ug/l	97
90) Hexachloroethane	13.87	117	252454	23.363	ug/l	89
91) 1,2-Dichlorobenzene	13.68	146	482120	23.234	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22050	20.894	ug/l	70

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	364310	22.144	ug/l	97
94) Hexachlorobutadiene	14.90	225	264572	21.500	ug/l	98
95) Naphthalene	14.98	128	447890	22.295	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	283082	21.472	ug/l	98

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

