

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058014.D
 Acq On : 8 Jun 2018 13:28
 Operator : VA/AP
 Sample : VD0608SBS01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBS01

Quant Time: Jun 08 13:58:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	989717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	1324373	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	1063717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	544844	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	485535	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.54	113	501819	48.97	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.70	98	1196112	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.92	95	485453	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.35	85	287889	21.67	ug/l	100
3) Chloromethane	1.49	50	148481	22.70	ug/l	100
4) Vinyl Chloride	1.56	62	142885	22.56	ug/l	96
5) Bromomethane	1.80	94	45739	18.43	ug/l	89
6) Chloroethane	1.89	64	46193	18.49	ug/l	92
7) Trichlorofluoromethane	2.08	101	174145	20.12	ug/l	94
8) Diethyl Ether	2.35	74	37382	23.25	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.56	101	114002	22.08	ug/l	96
10) Methyl Iodide	2.70	142	141080	21.18	ug/l	99
11) Tert butyl alcohol	3.27	59	24080	90.85	ug/l #	77
12) 1,1-Dichloroethene	2.55	96	87907	22.15	ug/l	86
13) Acrolein	2.48	56	40679	107.16	ug/l	96
14) Allyl chloride	2.92	41	190727	20.83	ug/l	97
15) Acrylonitrile	3.35	53	159491	102.85	ug/l	96
16) Acetone	2.62	43	143732	100.82	ug/l	99
17) Carbon Disulfide	2.75	76	297983	20.72	ug/l	100
18) Methyl Acetate	2.94	43	55683	20.19	ug/l #	83
19) Methyl tert-butyl Ether	3.40	73	363641	20.82	ug/l	99
20) Methylene Chloride	3.07	84	97133	23.72	ug/l	96
21) trans-1,2-Dichloroethene	3.38	96	185670	21.00	ug/l	97
22) Diisopropyl ether	4.06	45	749352	20.66	ug/l	91
23) Vinyl Acetate	4.01	43	1996011	106.49	ug/l	100
24) 1,1-Dichloroethane	3.98	63	415139	20.82	ug/l	99
25) 2-Butanone	4.84	43	330357	101.97	ug/l	96
26) 2,2-Dichloropropane	4.79	77	345752	21.05	ug/l	97
27) cis-1,2-Dichloroethene	4.80	96	222274	21.20	ug/l	99
28) Bromochloromethane	5.15	49	189032	21.91	ug/l	99
29) Tetrahydrofuran	5.19	42	180180	106.09	ug/l	99
30) Chloroform	5.32	83	421334	21.00	ug/l	99
31) Cyclohexane	5.58	56	355627	20.67	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	342637	20.39	ug/l	99
36) 1,1-Dichloropropene	5.74	75	315268	21.61	ug/l	98
37) Ethyl Acetate	4.92	43	180886	22.72	ug/l #	95
38) Carbon Tetrachloride	5.72	117	297562	20.69	ug/l	98

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

39) Methylcyclohexane	7.27	83	303687	21.00	ug/l	97
40) Benzene	6.01	78	724252	21.25	ug/l	100
41) Methacrylonitrile	5.12	41	80696	22.17	ug/l	95
42) 1,2-Dichloroethane	6.12	62	284968	20.68	ug/l	100
43) Isopropyl Acetate	7.61	43	206968	19.85	ug/l #	91
44) Trichloroethene	6.98	130	206039	20.69	ug/l	98
45) 1,2-Dichloropropane	7.34	63	196212	20.71	ug/l	99
46) Dibromomethane	7.45	93	125120	20.56	ug/l	91
47) Bromodichloromethane	7.74	83	298138	20.92	ug/l	96
48) Methyl methacrylate	7.50	41	127241	19.82	ug/l	95
49) 1,4-Dioxane	7.48	88	21003	394.99	ug/l	89
51) 4-Methyl-2-Pentanone	8.59	43	715879	107.02	ug/l	99
52) Toluene	8.79	92	423696	21.66	ug/l	99
53) t-1,3-Dichloropropene	9.17	75	248723	20.26	ug/l	98
54) cis-1,3-Dichloropropene	8.36	75	298850	20.66	ug/l	99
55) 1,1,2-Trichloroethane	9.45	97	133405	21.07	ug/l	97
56) Ethyl methacrylate	9.30	69	159880	20.59	ug/l	89
57) 1,3-Dichloropropane	9.66	76	230313	20.74	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.18	63	422132	107.59	ug/l	96
59) 2-Hexanone	9.77	43	524336	106.97	ug/l	99
60) Dibromochloromethane	9.95	129	185309	20.76	ug/l	96
61) 1,2-Dibromoethane	10.09	107	145946	20.05	ug/l	89
64) Tetrachloroethene	9.51	164	195560	20.56	ug/l	98
65) Chlorobenzene	10.72	112	480253	22.30	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.84	131	171627	20.74	ug/l	100
67) Ethyl Benzene	10.85	91	819768	21.07	ug/l	98
68) m/p-Xylenes	11.00	106	562135	44.32	ug/l	91
69) o-Xylene	11.40	106	265987	21.13	ug/l	99
70) Styrene	11.43	104	465645	22.34	ug/l	96
71) Bromoform	11.59	173	128346	20.62	ug/l	95
73) Isopropylbenzene	11.76	105	770392	21.35	ug/l	99
74) N-amyl acetate	11.64	43	272002	19.53	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.07	83	156032	19.83	ug/l	96
76) 1,2,3-Trichloropropane	12.11	75	171704	20.98	ug/l	95
77) Bromobenzene	12.04	156	218489	20.45	ug/l	82
78) n-propylbenzene	12.15	91	1014718	21.61	ug/l	96
79) 2-Chlorotoluene	12.20	91	560155	20.91	ug/l	100
80) 1,3,5-Trimethylbenzene	12.31	105	621161	22.07	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.84	75	43114	21.27	ug/l	98
82) 4-Chlorotoluene	12.31	91	642034	22.92	ug/l	93
83) tert-Butylbenzene	12.57	119	695449	21.88	ug/l	97
84) 1,2,4-Trimethylbenzene	12.62	105	623156	20.59	ug/l	96
85) sec-Butylbenzene	12.75	105	832169	21.70	ug/l	100
86) p-Isopropyltoluene	12.87	119	672904	21.77	ug/l	99
87) 1,3-Dichlorobenzene	12.83	146	390928	21.63	ug/l	98
88) 1,4-Dichlorobenzene	12.92	146	368032	20.90	ug/l	98
89) n-Butylbenzene	13.19	91	686275	22.20	ug/l	98
90) Hexachloroethane	13.40	117	160220	20.31	ug/l	90
91) 1,2-Dichlorobenzene	13.19	146	311474	21.33	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.77	75	23277	19.17	ug/l	71

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	290404	21.29	ug/l	99
94) Hexachlorobutadiene	14.43	225	214646	20.00	ug/l	99
95) Naphthalene	14.51	128	357145	20.30	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	228665	19.67	ug/l	97

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

