

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057969.D
 Acq On : 7 Jun 2018 14:01
 Operator : JC/SY
 Sample : VD0607SBS01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBS01

Quant Time: Jun 08 06:46:53 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	1002294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1316174	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	1052672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	536713	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	455142	45.42	ug/l	0.00
Spiked Amount						
			Recovery	=		90.84%
35) Dibromofluoromethane	5.55	113	501512	49.25	ug/l	-0.01
Spiked Amount						
			Recovery	=		98.50%
50) Toluene-d8	8.71	98	1116209	46.10	ug/l	0.00
Spiked Amount						
			Recovery	=		92.20%
62) 4-Bromofluorobenzene	11.92	95	486788	46.09	ug/l	0.00
Spiked Amount						
			Recovery	=		92.18%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.35	85	289075	21.489	ug/l	98
3) Chloromethane	1.49	50	146402	22.098	ug/l	95
4) Vinyl Chloride	1.56	62	133962	20.889	ug/l	94
5) Bromomethane	1.79	94	49023	19.504	ug/l	94
6) Chloroethane	1.88	64	46486	18.373	ug/l	98
7) Trichlorofluoromethane	2.09	101	172522	19.680	ug/l	99
8) Diethyl Ether	2.35	74	35944	22.072	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.55	101	110386	21.111	ug/l	94
10) Methyl Iodide	2.69	142	136410	20.218	ug/l	94
11) Tert butyl alcohol	3.27	59	24632	91.762	ug/l #	91
12) 1,1-Dichloroethene	2.55	96	82587	20.545	ug/l	91
13) Acrolein	2.47	56	41682	108.424	ug/l	89
14) Allyl chloride	2.93	41	190561	20.550	ug/l	100
15) Acrylonitrile	3.36	53	156822	99.862	ug/l	97
16) Acetone	2.61	43	137179	95.021	ug/l	93
17) Carbon Disulfide	2.76	76	306870	21.073	ug/l	99
18) Methyl Acetate	2.94	43	50717	18.160	ug/l	99
19) Methyl tert-butyl Ether	3.41	73	356409	20.150	ug/l	98
20) Methylene Chloride	3.07	84	94113	22.424	ug/l	92
21) trans-1,2-Dichloroethene	3.39	96	186593	20.840	ug/l	94
22) Diisopropyl ether	4.07	45	744459	20.265	ug/l	94
23) Vinyl Acetate	4.02	43	1943044	102.366	ug/l	99
24) 1,1-Dichloroethane	3.97	63	413047	20.458	ug/l	100
25) 2-Butanone	4.84	43	328766	100.205	ug/l	96
26) 2,2-Dichloropropane	4.80	77	345701	20.785	ug/l	95
27) cis-1,2-Dichloroethene	4.80	96	212294	19.992	ug/l	97
28) Bromochloromethane	5.14	49	188638	21.587	ug/l	90
29) Tetrahydrofuran	5.18	42	179027	104.092	ug/l	99
30) Chloroform	5.32	83	415974	20.471	ug/l	97
31) Cyclohexane	5.58	56	337723	19.383	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	343854	20.210	ug/l	97
36) 1,1-Dichloropropene	5.74	75	304547	21.002	ug/l	96
37) Ethyl Acetate	4.92	43	165080	20.864	ug/l	98
38) Carbon Tetrachloride	5.72	117	298422	20.882	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	291336	20.267	ug/l	96
40) Benzene	6.01	78	665328	19.641	ug/l	98
41) Methacrylonitrile	5.12	41	85033	23.504	ug/l	97
42) 1,2-Dichloroethane	6.12	62	286879	20.946	ug/l	100
43) Isopropyl Acetate	7.61	43	215394	20.783	ug/l #	96
44) Trichloroethene	6.97	130	210967	21.321	ug/l	99
45) 1,2-Dichloropropane	7.35	63	192236	20.418	ug/l	96
46) Dibromomethane	7.46	93	124974	20.663	ug/l	97
47) Bromodichloromethane	7.74	83	287758	20.320	ug/l #	96
48) Methyl methacrylate	7.50	41	134974	21.160	ug/l	91
49) 1,4-Dioxane	7.48	88	19682	372.454	ug/l #	82
51) 4-Methyl-2-Pentanone	8.59	43	719627	108.255	ug/l	95
52) Toluene	8.79	92	394550	20.295	ug/l	95
53) t-1,3-Dichloropropene	9.18	75	256605	21.032	ug/l	96
54) cis-1,3-Dichloropropene	8.35	75	296707	20.642	ug/l	96
55) 1,1,2-Trichloroethane	9.44	97	129257	20.543	ug/l	97
56) Ethyl methacrylate	9.31	69	162158	21.010	ug/l	93
57) 1,3-Dichloropropane	9.66	76	227153	20.584	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.18	63	417333	107.026	ug/l	100
59) 2-Hexanone	9.78	43	524499	107.666	ug/l	100
60) Dibromochloromethane	9.95	129	183971	20.735	ug/l	99
61) 1,2-Dibromoethane	10.08	107	148553	20.530	ug/l	97
64) Tetrachloroethene	9.50	164	198604	21.104	ug/l	98
65) Chlorobenzene	10.71	112	463385	21.744	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.84	131	175793	21.471	ug/l	99
67) Ethyl Benzene	10.85	91	824339	21.411	ug/l	96
68) m/p-Xylenes	11.01	106	572465	45.611	ug/l	91
69) o-Xylene	11.40	106	270569	21.718	ug/l	100
70) Styrene	11.42	104	449694	21.804	ug/l	98
71) Bromoform	11.59	173	128608	20.880	ug/l	98
73) Isopropylbenzene	11.77	105	779059	21.915	ug/l	98
74) N-amyl acetate	11.64	43	276614	20.165	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.07	83	161076	20.782	ug/l	99
76) 1,2,3-Trichloropropane	12.10	75	169352	21.006	ug/l	99
77) Bromobenzene	12.03	156	224667	21.351	ug/l	91
78) n-propylbenzene	12.15	91	986821	21.333	ug/l	99
79) 2-Chlorotoluene	12.21	91	557220	21.115	ug/l	98
80) 1,3,5-Trimethylbenzene	12.32	105	598883	21.602	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.84	75	43073	21.570	ug/l	88
82) 4-Chlorotoluene	12.32	91	627237	22.703	ug/l	99
83) tert-Butylbenzene	12.57	119	671398	21.448	ug/l	99
84) 1,2,4-Trimethylbenzene	12.62	105	635822	21.330	ug/l	99
85) sec-Butylbenzene	12.75	105	764253	20.229	ug/l	99
86) p-Isopropyltoluene	12.88	119	653584	21.464	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	383991	21.573	ug/l	98
88) 1,4-Dichlorobenzene	12.92	146	362508	20.902	ug/l	95
89) n-Butylbenzene	13.19	91	672048	22.044	ug/l	99
90) Hexachloroethane	13.39	117	166020	21.362	ug/l	62
91) 1,2-Dichlorobenzene	13.18	146	306365	21.298	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.77	75	24562	20.533	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	287000	21.356	ug/l	98
94) Hexachlorobutadiene	14.43	225	226023	21.382	ug/l	99
95) Naphthalene	14.51	128	369982	21.352	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	242586	21.181	ug/l	99

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

