

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058295.D
 Acq On : 22 Jun 2018 14:17
 Operator : VA/AP
 Sample : VD0622SBSD01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBSD01

Quant Time: Jun 22 14:58:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	898404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1158874	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	921300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	478392	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	512053	56.43	ug/l	0.00
Spiked Amount			Recovery	=	112.86%	
35) Dibromofluoromethane	5.55	113	535662	56.79	ug/l	0.00
Spiked Amount			Recovery	=	113.58%	
50) Toluene-d8	8.70	98	1239344	54.31	ug/l	0.00
Spiked Amount			Recovery	=	108.62%	
62) 4-Bromofluorobenzene	11.93	95	490042	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.34	85	239822	26.60	ug/l	100
3) Chloromethane	1.48	50	103750	24.22	ug/l	95
4) Vinyl Chloride	1.55	62	102303	21.74	ug/l #	88
5) Bromomethane	1.79	94	38308	21.74	ug/l	93
6) Chloroethane	1.88	64	37132	20.22	ug/l	99
7) Trichlorofluoromethane	2.08	101	160311	24.84	ug/l	93
8) Diethyl Ether	2.34	74	31891	23.37	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	2.56	101	96522	23.53	ug/l	95
10) Methyl Iodide	2.69	142	108485	23.25	ug/l	96
11) Tert butyl alcohol	3.27	59	27036	90.33	ug/l #	87
12) 1,1-Dichloroethene	2.54	96	74037	23.99	ug/l	99
13) Acrolein	2.47	56	16785	98.24	ug/l	95
14) Allyl chloride	2.92	41	159101	22.15	ug/l	97
15) Acrylonitrile	3.35	53	75134	94.68	ug/l	95
16) Acetone	2.62	43	134779	108.60	ug/l	96
17) Carbon Disulfide	2.75	76	223463	21.28	ug/l	99
18) Methyl Acetate	2.94	43	53433	20.19	ug/l	99
19) Methyl tert-butyl Ether	3.41	73	244398	29.85	ug/l	99
20) Methylene Chloride	3.07	84	84017	23.40	ug/l	90
21) trans-1,2-Dichloroethene	3.38	96	96065	28.48	ug/l	97
22) Diisopropyl ether	4.07	45	613384	21.50	ug/l	98
23) Vinyl Acetate	4.01	43	1614481	105.56	ug/l	99
24) 1,1-Dichloroethane	3.96	63	368533	23.98	ug/l	99
25) 2-Butanone	4.84	43	282566	104.47	ug/l	96
26) 2,2-Dichloropropane	4.79	77	310780	24.15	ug/l	99
27) cis-1,2-Dichloroethene	4.80	96	201565	23.91	ug/l	100
28) Bromochloromethane	5.15	49	149157	21.65	ug/l	92
29) Tetrahydrofuran	5.18	42	143890	99.94	ug/l	97
30) Chloroform	5.32	83	384489	23.69	ug/l	91
31) Cyclohexane	5.59	56	296202	23.80	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	313764	23.40	ug/l	99
36) 1,1-Dichloropropene	5.75	75	277821	24.23	ug/l	99
37) Ethyl Acetate	4.93	43	132675	20.31	ug/l	98
38) Carbon Tetrachloride	5.72	117	265214	23.28	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	280583	25.13	ug/l	95
40) Benzene	6.01	78	639840	23.43	ug/l	97
41) Methacrylonitrile	5.13	41	62407	19.79	ug/l	92
42) 1,2-Dichloroethane	6.12	62	250592	22.76	ug/l	100
43) Isopropyl Acetate	7.62	43	167866	19.28	ug/l #	92
44) Trichloroethene	6.98	130	189770	23.14	ug/l	99
45) 1,2-Dichloropropane	7.35	63	172268	23.42	ug/l	95
46) Dibromomethane	7.46	93	110532	22.02	ug/l	96
47) Bromodichloromethane	7.73	83	258166	22.55	ug/l	97
48) Methyl methacrylate	7.50	41	98958	18.70	ug/l	97
49) 1,4-Dioxane	7.50	88	19620	410.67	ug/l	90
51) 4-Methyl-2-Pentanone	8.59	43	580815	102.25	ug/l	99
52) Toluene	8.80	92	354465	22.80	ug/l	98
53) t-1,3-Dichloropropene	9.18	75	218428	21.94	ug/l	99
54) cis-1,3-Dichloropropene	8.35	75	272024	23.31	ug/l	97
55) 1,1,2-Trichloroethane	9.45	97	126920	23.07	ug/l	93
56) Ethyl methacrylate	9.31	69	141776	21.55	ug/l	91
57) 1,3-Dichloropropane	9.66	76	214163	23.11	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.19	63	359192	110.27	ug/l	100
59) 2-Hexanone	9.78	43	445658	108.58	ug/l	99
60) Dibromochloromethane	9.96	129	160671	21.52	ug/l	95
61) 1,2-Dibromoethane	10.09	107	134182	22.28	ug/l	98
64) Tetrachloroethene	9.51	164	181933	23.47	ug/l	97
65) Chlorobenzene	10.72	112	413550	24.00	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.85	131	152643	22.95	ug/l	97
67) Ethyl Benzene	10.86	91	700791	23.03	ug/l	99
68) m/p-Xylenes	11.01	106	498973	49.18	ug/l	98
69) o-Xylene	11.41	106	239477	24.71	ug/l	99
70) Styrene	11.43	104	391589	23.68	ug/l	97
71) Bromoform	11.59	173	111195	20.96	ug/l #	97
73) Isopropylbenzene	11.77	105	656496	22.94	ug/l	98
74) N-amyl acetate	11.64	43	225726	20.40	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.08	83	140918	21.16	ug/l	97
76) 1,2,3-Trichloropropane	12.11	75	155310	22.24	ug/l	99
77) Bromobenzene	12.04	156	195770	22.85	ug/l	87
78) n-propylbenzene	12.15	91	890218	24.09	ug/l	97
79) 2-Chlorotoluene	12.21	91	495388	23.43	ug/l	97
80) 1,3,5-Trimethylbenzene	12.31	105	515705	23.11	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.84	75	32148	18.87	ug/l	97
82) 4-Chlorotoluene	12.32	91	559497	24.36	ug/l	93
83) tert-Butylbenzene	12.57	119	598394	23.32	ug/l	95
84) 1,2,4-Trimethylbenzene	12.62	105	556881	22.95	ug/l	100
85) sec-Butylbenzene	12.75	105	709710	23.60	ug/l	96
86) p-Isopropyltoluene	12.88	119	570384	23.40	ug/l	96
87) 1,3-Dichlorobenzene	12.83	146	352609	23.68	ug/l	95
88) 1,4-Dichlorobenzene	12.92	146	333813	22.95	ug/l	96
89) n-Butylbenzene	13.19	91	637837	24.90	ug/l	95
90) Hexachloroethane	13.39	117	147872	23.37	ug/l	68
91) 1,2-Dichlorobenzene	13.19	146	305719	24.12	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	21000	19.82	ug/l	67

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	260839	21.52	ug/l	97
94) Hexachlorobutadiene	14.43	225	208008	21.94	ug/l	97
95) Naphthalene	14.52	128	340355	21.32	ug/l	98
96) 1,2,3-Trichlorobenzene	14.65	180	221143	20.84	ug/l	93

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

