

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058207.D
 Acq On : 20 Jun 2018 13:44
 Operator : VA/AP
 Sample : VD0620SBSD02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0620SBSD02

Quant Time: Jun 21 01:44:25 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	958379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1235942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	1000416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	525983	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	523457	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	
35) Dibromofluoromethane	5.55	113	542789	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
50) Toluene-d8	8.71	98	1247604	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.93	95	520440	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.34	85	235298	24.10	ug/l	96
3) Chloromethane	1.49	50	109272	23.85	ug/l	91
4) Vinyl Chloride	1.55	62	112125	22.33	ug/l	97
5) Bromomethane	1.78	94	35789	18.82	ug/l	91
6) Chloroethane	1.87	64	37903	19.36	ug/l	95
7) Trichlorofluoromethane	2.08	101	139482	20.26	ug/l	95
8) Diethyl Ether	2.34	74	32346	22.22	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.54	101	92779	21.20	ug/l	88
10) Methyl Iodide	2.69	142	104927	21.08	ug/l	96
11) Tert butyl alcohol	3.27	59	29156	91.32	ug/l	96
12) 1,1-Dichloroethene	2.54	96	69222	21.02	ug/l	87
13) Acrolein	2.47	56	22278	122.23	ug/l	93
14) Allyl chloride	2.92	41	164943	21.52	ug/l	99
15) Acrylonitrile	3.36	53	87886	103.81	ug/l	95
16) Acetone	2.61	43	141729	107.06	ug/l #	88
17) Carbon Disulfide	2.75	76	247581	22.10	ug/l	96
18) Methyl Acetate	2.94	43	53687	19.02	ug/l #	86
19) Methyl tert-butyl Ether	3.41	73	221328	25.34	ug/l	99
20) Methylene Chloride	3.06	84	83271	21.37	ug/l	94
21) trans-1,2-Dichloroethene	3.38	96	73400	20.40	ug/l	81
22) Diisopropyl ether	4.08	45	665365	21.86	ug/l	97
23) Vinyl Acetate	4.02	43	1841646	112.88	ug/l	100
24) 1,1-Dichloroethane	3.97	63	367800	22.43	ug/l	100
25) 2-Butanone	4.84	43	316593	109.72	ug/l	100
26) 2,2-Dichloropropane	4.80	77	311714	22.70	ug/l	99
27) cis-1,2-Dichloroethene	4.81	96	207264	23.05	ug/l	96
28) Bromochloromethane	5.15	49	163933	22.30	ug/l #	96
29) Tetrahydrofuran	5.19	42	165865	108.00	ug/l	99
30) Chloroform	5.33	83	388008	22.41	ug/l	96
31) Cyclohexane	5.59	56	291210	21.48	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	313799	21.94	ug/l	98
36) 1,1-Dichloropropene	5.75	75	265069	21.68	ug/l	97
37) Ethyl Acetate	4.93	43	148697	21.35	ug/l	96
38) Carbon Tetrachloride	5.72	117	269999	22.22	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	257882	21.65	ug/l	99
40) Benzene	6.02	78	619878	21.28	ug/l	97
41) Methacrylonitrile	5.13	41	77483	23.03	ug/l	98
42) 1,2-Dichloroethane	6.13	62	263188	22.41	ug/l	97
43) Isopropyl Acetate	7.62	43	196970	21.21	ug/l #	99
44) Trichloroethene	6.98	130	183687	21.00	ug/l	93
45) 1,2-Dichloropropane	7.36	63	179025	22.82	ug/l	94
46) Dibromomethane	7.46	93	115617	21.59	ug/l	100
47) Bromodichloromethane	7.75	83	274972	22.52	ug/l	95
48) Methyl methacrylate	7.51	41	122820	21.76	ug/l	97
49) 1,4-Dioxane	7.49	88	23786	466.82	ug/l #	84
51) 4-Methyl-2-Pentanone	8.61	43	650595	107.39	ug/l	98
52) Toluene	8.80	92	352895	21.28	ug/l	100
53) t-1,3-Dichloropropene	9.20	75	234334	22.07	ug/l	96
54) cis-1,3-Dichloropropene	8.37	75	273848	22.00	ug/l	97
55) 1,1,2-Trichloroethane	9.46	97	127451	21.72	ug/l	96
56) Ethyl methacrylate	9.31	69	151442	21.58	ug/l	96
57) 1,3-Dichloropropane	9.67	76	219348	22.19	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.19	63	377900	108.78	ug/l	99
59) 2-Hexanone	9.80	43	490959	112.16	ug/l	100
60) Dibromochloromethane	9.96	129	174820	21.95	ug/l	95
61) 1,2-Dibromoethane	10.10	107	138654	21.59	ug/l	100
64) Tetrachloroethene	9.52	164	181531	21.57	ug/l	97
65) Chlorobenzene	10.73	112	408005	21.80	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.85	131	158134	21.90	ug/l	96
67) Ethyl Benzene	10.86	91	718515	21.75	ug/l	100
68) m/p-Xylenes	11.02	106	490178	44.49	ug/l	94
69) o-Xylene	11.41	106	247180	23.49	ug/l	98
70) Styrene	11.43	104	409311	22.80	ug/l	94
71) Bromoform	11.61	173	121019	21.01	ug/l	96
73) Isopropylbenzene	11.78	105	664065	21.11	ug/l	100
74) N-amyl acetate	11.65	43	246592	20.27	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.08	83	151484	20.69	ug/l	98
76) 1,2,3-Trichloropropane	12.12	75	167959	21.87	ug/l	99
77) Bromobenzene	12.04	156	204023	21.66	ug/l	82
78) n-propylbenzene	12.16	91	870904	21.44	ug/l	97
79) 2-Chlorotoluene	12.22	91	522534	22.48	ug/l	100
80) 1,3,5-Trimethylbenzene	12.33	105	542462	22.11	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.84	75	37883	20.23	ug/l	99
82) 4-Chlorotoluene	12.33	91	578789	22.56	ug/l	93
83) tert-Butylbenzene	12.58	119	619752	21.97	ug/l	94
84) 1,2,4-Trimethylbenzene	12.63	105	543504	20.38	ug/l	96
85) sec-Butylbenzene	12.76	105	741661	22.43	ug/l	98
86) p-Isopropyltoluene	12.89	119	602181	22.47	ug/l	99
87) 1,3-Dichlorobenzene	12.85	146	369952	22.59	ug/l	97
88) 1,4-Dichlorobenzene	12.93	146	350778	21.94	ug/l	97
89) n-Butylbenzene	13.20	91	612229	21.74	ug/l	99
90) Hexachloroethane	13.40	117	153873	22.12	ug/l	64
91) 1,2-Dichlorobenzene	13.19	146	297758	21.37	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.77	75	25382	21.78	ug/l	61

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	285919	21.45	ug/l	96
94) Hexachlorobutadiene	14.43	225	214731	20.60	ug/l	97
95) Naphthalene	14.52	128	374075	21.31	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	248008	21.26	ug/l	98

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

