

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058294.D
 Acq On : 22 Jun 2018 13:49
 Operator : VA/AP
 Sample : VD0622SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

Quant Time: Jun 22 14:58:17 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	908325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1157076	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	965587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	498615	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	487216	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.20%		
35) Dibromofluoromethane	5.54	113	517410	54.94	ug/l	-0.01
Spiked Amount 50.000			Recovery =	109.88%		
50) Toluene-d8	8.70	98	1189987	52.23	ug/l	-0.01
Spiked Amount 50.000			Recovery =	104.46%		
62) 4-Bromofluorobenzene	11.93	95	476073	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.30%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.34	85	244548	26.87	ug/l	98
3) Chloromethane	1.48	50	104926	24.22	ug/l	90
4) Vinyl Chloride	1.55	62	101224	21.27	ug/l	98
5) Bromomethane	1.79	94	36161	20.17	ug/l	98
6) Chloroethane	1.88	64	41709	22.46	ug/l	95
7) Trichlorofluoromethane	2.08	101	154500	23.68	ug/l	93
8) Diethyl Ether	2.34	74	28108	20.37	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.56	101	97429	23.49	ug/l	91
10) Methyl Iodide	2.68	142	92236	19.55	ug/l	98
11) Tert butyl alcohol	3.27	59	24749	81.79	ug/l #	90
12) 1,1-Dichloroethene	2.55	96	69555	22.29	ug/l	97
13) Acrolein	2.47	56	16608	96.14	ug/l	97
14) Allyl chloride	2.92	41	157096	21.63	ug/l #	98
15) Acrylonitrile	3.35	53	100473	125.22	ug/l	96
16) Acetone	2.61	43	131710	104.97	ug/l #	92
17) Carbon Disulfide	2.75	76	218265	20.56	ug/l	96
18) Methyl Acetate	2.93	43	50592	18.91	ug/l #	90
19) Methyl tert-butyl Ether	3.40	73	306989	37.09	ug/l	98
20) Methylene Chloride	3.07	84	82034	22.42	ug/l	97
21) trans-1,2-Dichloroethene	3.38	96	133392	39.11	ug/l	96
22) Diisopropyl ether	4.07	45	597223	20.70	ug/l	96
23) Vinyl Acetate	4.01	43	1592084	102.96	ug/l	99
24) 1,1-Dichloroethane	3.96	63	372113	23.94	ug/l	99
25) 2-Butanone	4.83	43	267100	97.67	ug/l	97
26) 2,2-Dichloropropane	4.79	77	304611	23.41	ug/l	95
27) cis-1,2-Dichloroethene	4.80	96	201477	23.64	ug/l	97
28) Bromochloromethane	5.14	49	155067	22.26	ug/l #	93
29) Tetrahydrofuran	5.18	42	134264	92.24	ug/l	95
30) Chloroform	5.32	83	386524	23.56	ug/l	93
31) Cyclohexane	5.59	56	274239	21.30	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	302599	22.32	ug/l	95
36) 1,1-Dichloropropene	5.74	75	277715	24.26	ug/l	94
37) Ethyl Acetate	4.92	43	128198	19.66	ug/l #	93
38) Carbon Tetrachloride	5.72	117	264892	23.29	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	262262	23.52	ug/l	97
40) Benzene	6.01	78	622065	22.81	ug/l	97
41) Methacrylonitrile	5.13	41	62969	19.99	ug/l	96
42) 1,2-Dichloroethane	6.12	62	242688	22.07	ug/l	98
43) Isopropyl Acetate	7.62	43	167071	19.21	ug/l #	99
44) Trichloroethene	6.98	130	191390	23.38	ug/l	91
45) 1,2-Dichloropropane	7.34	63	172254	23.46	ug/l	99
46) Dibromomethane	7.46	93	110427	22.03	ug/l	92
47) Bromodichloromethane	7.73	83	257362	22.51	ug/l	99
48) Methyl methacrylate	7.50	41	94287	17.84	ug/l	89
49) 1,4-Dioxane	7.49	88	20185	423.15	ug/l #	73
51) 4-Methyl-2-Pentanone	8.59	43	570780	100.64	ug/l	99
52) Toluene	8.80	92	352211	22.69	ug/l	98
53) t-1,3-Dichloropropene	9.18	75	210945	21.22	ug/l	94
54) cis-1,3-Dichloropropene	8.35	75	264553	22.71	ug/l	98
55) 1,1,2-Trichloroethane	9.45	97	119514	21.76	ug/l	98
56) Ethyl methacrylate	9.31	69	137127	20.87	ug/l	89
57) 1,3-Dichloropropane	9.66	76	199848	21.60	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.19	63	368118	113.19	ug/l	100
59) 2-Hexanone	9.78	43	429612	104.83	ug/l	98
60) Dibromochloromethane	9.96	129	159701	21.42	ug/l	97
61) 1,2-Dibromoethane	10.09	107	130830	21.76	ug/l	99
64) Tetrachloroethene	9.51	164	181751	22.37	ug/l	96
65) Chlorobenzene	10.72	112	403321	22.33	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.84	131	156521	22.46	ug/l	98
67) Ethyl Benzene	10.85	91	730054	22.90	ug/l	99
68) m/p-Xylenes	11.01	106	480644	45.20	ug/l	97
69) o-Xylene	11.41	106	231299	22.77	ug/l	95
70) Styrene	11.43	104	399872	23.07	ug/l	98
71) Bromoform	11.59	173	106567	19.17	ug/l #	96
73) Isopropylbenzene	11.77	105	655439	21.98	ug/l	99
74) N-amyl acetate	11.64	43	216080	18.74	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.08	83	139577	20.11	ug/l	96
76) 1,2,3-Trichloropropane	12.10	75	148981	20.46	ug/l	99
77) Bromobenzene	12.04	156	198867	22.27	ug/l	80
78) n-propylbenzene	12.15	91	897593	23.30	ug/l	100
79) 2-Chlorotoluene	12.21	91	491009	22.28	ug/l	97
80) 1,3,5-Trimethylbenzene	12.31	105	504148	21.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.84	75	31182	17.56	ug/l	96
82) 4-Chlorotoluene	12.32	91	551648	22.72	ug/l	93
83) tert-Butylbenzene	12.58	119	597952	22.36	ug/l	94
84) 1,2,4-Trimethylbenzene	12.63	105	532325	21.05	ug/l	99
85) sec-Butylbenzene	12.75	105	716852	22.87	ug/l	97
86) p-Isopropyltoluene	12.88	119	594239	23.39	ug/l	97
87) 1,3-Dichlorobenzene	12.84	146	347484	22.39	ug/l	97
88) 1,4-Dichlorobenzene	12.92	146	342802	22.61	ug/l	94
89) n-Butylbenzene	13.19	91	613231	22.97	ug/l	95
90) Hexachloroethane	13.39	117	146611	22.24	ug/l	66
91) 1,2-Dichlorobenzene	13.19	146	287732	21.78	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	21178	19.17	ug/l	66

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	272502	21.57	ug/l	95
94) Hexachlorobutadiene	14.44	225	211597	21.41	ug/l	98
95) Naphthalene	14.52	128	335658	20.17	ug/l	98
96) 1,2,3-Trichlorobenzene	14.65	180	227955	20.61	ug/l	95

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

