

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058250.D
 Acq On : 21 Jun 2018 14:09
 Operator : VA/AP
 Sample : VD0621SBSD01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBSD01

Quant Time: Jun 22 06:14:37 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	5.65	168	895929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1194623	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	948584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	499070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	493672	54.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.10%	
35) Dibromofluoromethane	5.56	113	503256	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	8.72	98	1199233	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.94	95	478896	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.33	85	235417	26.11	ug/l	99
3) Chloromethane	1.48	50	117354	28.11	ug/l	99
4) Vinyl Chloride	1.55	62	113728	24.23	ug/l	100
5) Bromomethane	1.79	94	36044	20.40	ug/l	90
6) Chloroethane	1.88	64	40081	21.88	ug/l	97
7) Trichlorofluoromethane	2.08	101	154911	24.07	ug/l	99
8) Diethyl Ether	2.35	74	30879	22.69	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.56	101	100997	24.69	ug/l	94
10) Methyl Iodide	2.69	142	107950	23.20	ug/l	97
11) Tert butyl alcohol	3.27	59	30800	103.19	ug/l	96
12) 1,1-Dichloroethene	2.55	96	72297	23.49	ug/l	95
13) Acrolein	2.47	56	21934	128.73	ug/l	86
14) Allyl chloride	2.92	41	166215	23.20	ug/l	95
15) Acrylonitrile	3.36	53	96209	121.57	ug/l	96
16) Acetone	2.61	43	140898	113.85	ug/l	97
17) Carbon Disulfide	2.75	76	232074	22.16	ug/l	98
18) Methyl Acetate	2.94	43	48450	18.36	ug/l	99
19) Methyl tert-butyl Ether	3.40	73	198985	24.37	ug/l	92
20) Methylene Chloride	3.07	84	88769	25.10	ug/l	# 85
21) trans-1,2-Dichloroethene	3.38	96	76065	22.61	ug/l	# 76
22) Diisopropyl ether	4.08	45	654868	23.02	ug/l	98
23) Vinyl Acetate	4.02	43	1800896	118.07	ug/l	98
24) 1,1-Dichloroethane	3.97	63	372594	24.31	ug/l	98
25) 2-Butanone	4.85	43	297791	110.40	ug/l	97
26) 2,2-Dichloropropane	4.81	77	315507	24.58	ug/l	100
27) cis-1,2-Dichloroethene	4.81	96	207402	24.67	ug/l	97
28) Bromochloromethane	5.15	49	151485	22.05	ug/l	# 97
29) Tetrahydrofuran	5.19	42	152648	106.32	ug/l	99
30) Chloroform	5.33	83	392571	24.26	ug/l	94
31) Cyclohexane	5.60	56	295280	23.79	ug/l	98
32) 1,1,1-Trichloroethane	5.52	97	315558	23.60	ug/l	96
36) 1,1-Dichloropropene	5.75	75	276655	23.41	ug/l	100
37) Ethyl Acetate	4.94	43	144777	21.50	ug/l	96
38) Carbon Tetrachloride	5.74	117	265336	22.60	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	271203	23.56	ug/l	94
40) Benzene	6.02	78	646567	22.97	ug/l	99
41) Methacrylonitrile	5.13	41	72846	22.40	ug/l	97
42) 1,2-Dichloroethane	6.14	62	243543	21.46	ug/l	100
43) Isopropyl Acetate	7.63	43	178639	19.90	ug/l #	98
44) Trichloroethene	7.00	130	184940	21.88	ug/l	100
45) 1,2-Dichloropropane	7.36	63	181551	23.95	ug/l	97
46) Dibromomethane	7.47	93	116630	22.53	ug/l	92
47) Bromodichloromethane	7.75	83	266537	22.58	ug/l #	99
48) Methyl methacrylate	7.52	41	109423	20.06	ug/l	90
49) 1,4-Dioxane	7.49	88	21823	443.11	ug/l #	80
51) 4-Methyl-2-Pentanone	8.61	43	629066	107.43	ug/l	98
52) Toluene	8.81	92	370519	23.11	ug/l	98
53) t-1,3-Dichloropropene	9.19	75	231225	22.53	ug/l	100
54) cis-1,3-Dichloropropene	8.37	75	278181	23.12	ug/l	97
55) 1,1,2-Trichloroethane	9.46	97	127905	22.55	ug/l	99
56) Ethyl methacrylate	9.32	69	150048	22.12	ug/l	98
57) 1,3-Dichloropropane	9.67	76	198534	20.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.20	63	364287	108.49	ug/l	98
59) 2-Hexanone	9.79	43	479459	113.32	ug/l	99
60) Dibromochloromethane	9.97	129	173901	22.59	ug/l	99
61) 1,2-Dibromoethane	10.11	107	133876	21.57	ug/l	99
64) Tetrachloroethene	9.53	164	175059	21.93	ug/l	98
65) Chlorobenzene	10.73	112	419251	23.63	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.85	131	157639	23.02	ug/l	100
67) Ethyl Benzene	10.86	91	733123	23.40	ug/l	99
68) m/p-Xylenes	11.02	106	495682	47.45	ug/l	94
69) o-Xylene	11.41	106	241609	24.22	ug/l	99
70) Styrene	11.44	104	397303	23.34	ug/l	97
71) Bromoform	11.60	173	121022	22.16	ug/l	96
73) Isopropylbenzene	11.78	105	695010	23.28	ug/l	98
74) N-amyl acetate	11.65	43	233344	20.22	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.08	83	153621	22.11	ug/l	99
76) 1,2,3-Trichloropropane	12.11	75	165322	22.69	ug/l	96
77) Bromobenzene	12.05	156	213284	23.86	ug/l	88
78) n-propylbenzene	12.15	91	898591	23.31	ug/l	97
79) 2-Chlorotoluene	12.22	91	509835	23.11	ug/l	96
80) 1,3,5-Trimethylbenzene	12.32	105	549089	23.58	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.85	75	39260	22.09	ug/l	89
82) 4-Chlorotoluene	12.33	91	567912	23.54	ug/l	97
83) tert-Butylbenzene	12.58	119	609043	22.75	ug/l	99
84) 1,2,4-Trimethylbenzene	12.63	105	555875	21.96	ug/l	99
85) sec-Butylbenzene	12.75	105	720423	22.96	ug/l	99
86) p-Isopropyltoluene	12.89	119	575951	22.65	ug/l	95
87) 1,3-Dichlorobenzene	12.84	146	358543	23.08	ug/l	98
88) 1,4-Dichlorobenzene	12.93	146	345830	22.79	ug/l	96
89) n-Butylbenzene	13.20	91	624133	23.36	ug/l	96
90) Hexachloroethane	13.40	117	151693	22.99	ug/l	74
91) 1,2-Dichlorobenzene	13.20	146	297253	22.48	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.78	75	25096	22.70	ug/l	68

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	286296	22.64	ug/l	97
94) Hexachlorobutadiene	14.44	225	209913	21.22	ug/l	98
95) Naphthalene	14.52	128	353340	21.21	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	241752	21.84	ug/l	94

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

