

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080918\
 Data File : VD059720.D
 Acq On : 9 Aug 2018 17:23
 Operator : VA/AP
 Sample : VD0809SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS01

Quant Time: Aug 10 01:16:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 08 02:03:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	149020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	176386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	146267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	81357	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.01	65	126175	65.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.64%	
35) Dibromofluoromethane	5.54	113	94216	59.47	ug/l	0.02
Spiked Amount	50.000		Recovery	=	118.94%	
50) Toluene-d8	8.70	98	179669	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
62) 4-Bromofluorobenzene	11.93	95	87452	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.33	85	42099	20.13	ug/l	100
3) Chloromethane	1.47	50	15361	16.48	ug/l	94
4) Vinyl Chloride	1.54	62	19108	17.56	ug/l	93
5) Bromomethane	1.78	94	6724	18.78	ug/l	97
6) Chloroethane	1.86	64	9490	21.46	ug/l	97
7) Trichlorofluoromethane	2.07	101	43834	24.71	ug/l	99
8) Diethyl Ether	2.34	74	7459	22.96	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.54	101	23180	23.14	ug/l	95
10) Methyl Iodide	2.68	142	23240	20.18	ug/l	89
11) Tert butyl alcohol	3.27	59	9332	133.79	ug/l #	76
12) 1,1-Dichloroethene	2.53	96	16082	21.97	ug/l	91
13) Acrolein	2.47	56	6299	96.14	ug/l	93
14) Allyl chloride	2.91	41	36249	21.64	ug/l	85
15) Acrylonitrile	3.35	53	19557	101.09	ug/l	93
16) Acetone	2.60	43	35861	99.59	ug/l	94
17) Carbon Disulfide	2.74	76	52926	20.01	ug/l	98
18) Methyl Acetate	2.93	43	13162	19.78	ug/l #	91
19) Methyl tert-butyl Ether	3.39	73	69588	24.91	ug/l	98
20) Methylene Chloride	3.06	84	23065	16.48	ug/l	92
21) trans-1,2-Dichloroethene	3.37	96	19467	20.32	ug/l	94
22) Diisopropyl ether	4.07	45	66706	16.93	ug/l	98
23) Vinyl Acetate	4.01	43	240561	96.31	ug/l	99
24) 1,1-Dichloroethane	3.97	63	55423	21.25	ug/l	98
25) 2-Butanone	4.83	43	33855	71.58	ug/l	92
26) 2,2-Dichloropropane	4.79	77	60108	21.58	ug/l	94
27) cis-1,2-Dichloroethene	4.80	96	22955	16.50	ug/l	81
28) Bromochloromethane	5.14	49	18896	19.63	ug/l	87
29) Tetrahydrofuran	5.17	42	14090	76.92	ug/l	96
30) Chloroform	5.32	83	67416	21.21	ug/l	99
31) Cyclohexane	5.58	56	27692	13.93	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	72010	23.29	ug/l	91
36) 1,1-Dichloropropene	5.74	75	40392	20.60	ug/l	99
37) Ethyl Acetate	4.92	43	19117	20.08	ug/l #	91
38) Carbon Tetrachloride	5.71	117	68588	26.14	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	27592	16.65	ug/l	99
40) Benzene	6.01	78	66295	17.43	ug/l	99
41) Methacrylonitrile	5.11	41	9700	21.79	ug/l #	84
42) 1,2-Dichloroethane	6.12	62	60284	25.64	ug/l	97
43) Isopropyl Acetate	7.61	43	23739	19.08	ug/l	89
44) Trichloroethene	6.97	130	28899	20.80	ug/l	91
45) 1,2-Dichloropropane	7.34	63	18132	18.06	ug/l	95
46) Dibromomethane	7.46	93	19039	21.88	ug/l	91
47) Bromodichloromethane	7.74	83	50651	22.85	ug/l	97
48) Methyl methacrylate	7.50	41	17214	20.96	ug/l #	82
49) 1,4-Dioxane	7.49	88	2161	330.73	ug/l #	81
51) 4-Methyl-2-Pentanone	8.59	43	81638	89.95	ug/l	96
52) Toluene	8.80	92	45121	18.60	ug/l	93
53) t-1,3-Dichloropropene	9.18	75	41672	22.22	ug/l	99
54) cis-1,3-Dichloropropene	8.36	75	39901	20.66	ug/l	96
55) 1,1,2-Trichloroethane	9.45	97	18753	20.13	ug/l #	85
56) Ethyl methacrylate	9.31	69	20826	20.26	ug/l	91
57) 1,3-Dichloropropane	9.67	76	29223	20.21	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.18	63	50376	102.85	ug/l	97
59) 2-Hexanone	9.78	43	61313	89.96	ug/l	96
60) Dibromochloromethane	9.95	129	35846	24.21	ug/l	95
61) 1,2-Dibromoethane	10.09	107	23122	21.58	ug/l	97
64) Tetrachloroethene	9.51	164	27957	20.19	ug/l	94
65) Chlorobenzene	10.72	112	58392	18.94	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.85	131	31266	23.14	ug/l	99
67) Ethyl Benzene	10.86	91	109892	19.80	ug/l	97
68) m/p-Xylenes	11.01	106	73425	41.35	ug/l	90
69) o-Xylene	11.41	106	31046	17.98	ug/l	97
70) Styrene	11.43	104	55128	19.02	ug/l	94
71) Bromoform	11.59	173	24153	23.72	ug/l #	96
73) Isopropylbenzene	11.77	105	111838	20.45	ug/l	97
74) N-amyl acetate	11.64	43	34399	19.67	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.08	83	20611	18.79	ug/l	92
76) 1,2,3-Trichloropropane	12.11	75	26405	21.00	ug/l	94
77) Bromobenzene	12.04	156	34555	21.68	ug/l	84
78) n-propylbenzene	12.15	91	132137	19.50	ug/l	98
79) 2-Chlorotoluene	12.21	91	85106	20.80	ug/l	94
80) 1,3,5-Trimethylbenzene	12.32	105	99872	21.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.84	75	5436	17.71	ug/l #	74
82) 4-Chlorotoluene	12.32	91	102165	21.33	ug/l	94
83) tert-Butylbenzene	12.58	119	110592	21.69	ug/l	95
84) 1,2,4-Trimethylbenzene	12.63	105	101219	20.97	ug/l	99
85) sec-Butylbenzene	12.76	105	116428	20.57	ug/l	100
86) p-Isopropyltoluene	12.88	119	100774	20.87	ug/l	99
87) 1,3-Dichlorobenzene	12.84	146	56355	20.49	ug/l	96
88) 1,4-Dichlorobenzene	12.92	146	51640	18.82	ug/l	91
89) n-Butylbenzene	13.20	91	97018	19.82	ug/l	97
90) Hexachloroethane	13.39	117	26676	21.32	ug/l	79
91) 1,2-Dichlorobenzene	13.19	146	46290	19.98	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	13.77	75	4935	21.54	ug/l	72

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	44325	21.27	ug/l	96
94) Hexachlorobutadiene	14.44	225	37957	23.49	ug/l	99
95) Naphthalene	14.52	128	59232	19.19	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	38387	21.06	ug/l	98

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

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