

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070218\
 Data File : VD059517.D
 Acq On : 2 Jul 2018 22:49
 Operator : VA/AP
 Sample : VD0702SBSD01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0702SBSD01

Quant Time: Jul 03 09:07:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 09:04:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	637737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	937192	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	747511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	384516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.99	65	455421	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
35) Dibromofluoromethane	5.51	113	426380	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
50) Toluene-d8	8.68	98	962755	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
62) 4-Bromofluorobenzene	11.92	95	392304	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.32	85	148728	18.31	ug/l	99
3) Chloromethane	1.47	50	82060	21.32	ug/l	95
4) Vinyl Chloride	1.54	62	79414	20.68	ug/l	90
5) Bromomethane	1.76	94	25407	17.48	ug/l	89
6) Chloroethane	1.85	64	28313	16.39	ug/l	95
7) Trichlorofluoromethane	2.06	101	117127	18.44	ug/l	99
8) Diethyl Ether	2.32	74	25198	20.72	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.52	101	77591	20.08	ug/l	91
10) Methyl Iodide	2.67	142	67452	17.51	ug/l	97
11) Tert butyl alcohol	3.25	59	29904	108.44	ug/l #	79
12) 1,1-Dichloroethene	2.51	96	56626	19.18	ug/l	89
13) Acrolein	2.45	56	23926	152.27	ug/l #	76
14) Allyl chloride	2.90	41	131343	20.15	ug/l	95
15) Acrylonitrile	3.33	53	83434	109.45	ug/l	89
16) Acetone	2.59	43	121254	108.34	ug/l	95
17) Carbon Disulfide	2.73	76	157313	17.54	ug/l	99
18) Methyl Acetate	2.91	43	47500	19.63	ug/l #	91
19) Methyl tert-butyl Ether	3.38	73	157196	20.60	ug/l	94
20) Methylene Chloride	3.04	84	70603	16.28	ug/l	95
21) trans-1,2-Dichloroethene	3.36	96	64488	19.78	ug/l	92
22) Diisopropyl ether	4.04	45	484585	20.39	ug/l	97
23) Vinyl Acetate	3.99	43	1348579	102.85	ug/l	99
24) 1,1-Dichloroethane	3.94	63	270637	20.12	ug/l	99
25) 2-Butanone	4.82	43	241608	103.79	ug/l	94
26) 2,2-Dichloropropane	4.77	77	212828	19.35	ug/l	98
27) cis-1,2-Dichloroethene	4.77	96	146775	20.79	ug/l	96
28) Bromochloromethane	5.12	49	120143	23.28	ug/l	100
29) Tetrahydrofuran	5.16	42	125651	105.99	ug/l	98
30) Chloroform	5.29	83	285981	20.15	ug/l	98
31) Cyclohexane	5.56	56	195379	19.17	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	226730	20.16	ug/l	98
36) 1,1-Dichloropropene	5.71	75	202640	20.14	ug/l	96
37) Ethyl Acetate	4.89	43	117434	20.98	ug/l #	95
38) Carbon Tetrachloride	5.69	117	191749	19.38	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.26	83	180718	19.72	ug/l	95
40) Benzene	5.99	78	453291	19.57	ug/l	97
41) Methacrylonitrile	5.10	41	61773	21.76	ug/l #	93
42) 1,2-Dichloroethane	6.10	62	206849	19.96	ug/l	95
43) Isopropyl Acetate	7.59	43	150707	20.35	ug/l #	100
44) Trichloroethene	6.95	130	136090	19.36	ug/l	93
45) 1,2-Dichloropropane	7.33	63	125161	19.33	ug/l	92
46) Dibromomethane	7.44	93	85015	19.40	ug/l	93
47) Bromodichloromethane	7.72	83	200608	19.67	ug/l	99
48) Methyl methacrylate	7.48	41	97028	21.00	ug/l	96
49) 1,4-Dioxane	7.46	88	16511	383.56	ug/l #	81
51) 4-Methyl-2-Pentanone	8.58	43	523436	108.21	ug/l	97
52) Toluene	8.78	92	249043	19.48	ug/l	88
53) t-1,3-Dichloropropene	9.17	75	179830	20.25	ug/l	96
54) cis-1,3-Dichloropropene	8.34	75	198689	19.29	ug/l	98
55) 1,1,2-Trichloroethane	9.43	97	92661	19.76	ug/l	93
56) Ethyl methacrylate	9.29	69	118863	20.23	ug/l	94
57) 1,3-Dichloropropane	9.65	76	163136	19.31	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.16	63	298604	105.09	ug/l	100
59) 2-Hexanone	9.77	43	356729	100.26	ug/l	98
60) Dibromochloromethane	9.93	129	125937	19.24	ug/l	91
61) 1,2-Dibromoethane	10.07	107	99124	19.10	ug/l	100
64) Tetrachloroethene	9.49	164	132325	20.58	ug/l	95
65) Chlorobenzene	10.70	112	292878	20.34	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.83	131	115135	19.63	ug/l	97
67) Ethyl Benzene	10.84	91	516820	20.24	ug/l	94
68) m/p-Xylenes	11.00	106	339007	40.24	ug/l	92
69) o-Xylene	11.39	106	171998	21.19	ug/l	99
70) Styrene	11.42	104	288364	21.19	ug/l	94
71) Bromoform	11.59	173	86879	19.63	ug/l	98
73) Isopropylbenzene	11.77	105	470443	20.47	ug/l	99
74) N-amyl acetate	11.64	43	202205	20.85	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.06	83	124514	20.91	ug/l	98
76) 1,2,3-Trichloropropane	12.10	75	130532	21.04	ug/l	100
77) Bromobenzene	12.03	156	147382	20.44	ug/l	91
78) n-propylbenzene	12.14	91	614856	19.98	ug/l	97
79) 2-Chlorotoluene	12.21	91	373305	20.62	ug/l	99
80) 1,3,5-Trimethylbenzene	12.31	105	394326	21.11	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.83	75	29249	19.00	ug/l	99
82) 4-Chlorotoluene	12.32	91	423697	20.65	ug/l	91
83) tert-Butylbenzene	12.56	119	420224	19.78	ug/l	89
84) 1,2,4-Trimethylbenzene	12.61	105	409779	20.42	ug/l	98
85) sec-Butylbenzene	12.75	105	507739	20.82	ug/l	98
86) p-Isopropyltoluene	12.88	119	433786	21.21	ug/l	95
87) 1,3-Dichlorobenzene	12.83	146	245425	19.88	ug/l	96
88) 1,4-Dichlorobenzene	12.92	146	249210	20.56	ug/l	97
89) n-Butylbenzene	13.18	91	441774	21.18	ug/l	98
90) Hexachloroethane	13.39	117	104661	19.75	ug/l	95
91) 1,2-Dichlorobenzene	13.18	146	220215	21.20	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.76	75	20854	20.32	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.32	180	181198	19.68	ug/l	98
94) Hexachlorobutadiene	14.42	225	138967	19.73	ug/l	96
95) Naphthalene	14.50	128	283839	20.73	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	157864	19.50	ug/l	98

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

