

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070218\
 Data File : VD059509.D
 Acq On : 2 Jul 2018 18:03
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 03 00:53:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 00:52:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	585438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	865878	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	712145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	354999	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.98	65	151696	23.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.62%	
35) Dibromofluoromethane	5.51	113	145490	20.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.74%	
50) Toluene-d8	8.68	98	332320	19.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.72%	
62) 4-Bromofluorobenzene	11.92	95	135930	19.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.32	85	136262	23.25	ug/l	95
3) Chloromethane	1.46	50	62904	21.43	ug/l	92
4) Vinyl Chloride	1.53	62	62699	20.51	ug/l	95
5) Bromomethane	1.76	94	20452	17.42	ug/l	82
6) Chloroethane	1.85	64	24180	18.74	ug/l	95
7) Trichlorofluoromethane	2.04	101	98184	21.97	ug/l	100
8) Diethyl Ether	2.31	74	21109	21.69	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.52	101	65362	23.60	ug/l	97
10) Methyl Iodide	2.65	142	60678	19.11	ug/l	97
11) Tert butyl alcohol	3.23	59	24358	114.13	ug/l	96
12) 1,1-Dichloroethene	2.51	96	45467	21.23	ug/l	89
13) Acrolein	2.44	56	22501	128.38	ug/l	95
14) Allyl chloride	2.88	41	108653	22.48	ug/l	98
15) Acrylonitrile	3.32	53	65866	100.11	ug/l	98
16) Acetone	2.59	43	98064	119.78	ug/l	99
17) Carbon Disulfide	2.71	76	132639	19.82	ug/l	100
18) Methyl Acetate	2.90	43	44449	22.47	ug/l #	84
19) Methyl tert-butyl Ether	3.37	73	132398	14.36	ug/l	93
20) Methylene Chloride	3.04	84	70722	27.14	ug/l	93
21) trans-1,2-Dichloroethene	3.34	96	54619	15.95	ug/l	84
22) Diisopropyl ether	4.03	45	427053	23.75	ug/l	99
23) Vinyl Acetate	3.97	43	1171785	122.75	ug/l	99
24) 1,1-Dichloroethane	3.93	63	245597	23.77	ug/l	97
25) 2-Butanone	4.81	43	202178	118.73	ug/l	95
26) 2,2-Dichloropropane	4.76	77	200794	24.91	ug/l	98
27) cis-1,2-Dichloroethene	4.76	96	125428	20.56	ug/l	92
28) Bromochloromethane	5.11	49	105150	25.04	ug/l	100
29) Tetrahydrofuran	5.14	42	102041	110.74	ug/l	98
30) Chloroform	5.28	83	251517	22.61	ug/l	98
31) Cyclohexane	5.55	56	176492	22.61	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	194508	21.76	ug/l	98
36) 1,1-Dichloropropene	5.71	75	175790	21.24	ug/l	97
37) Ethyl Acetate	4.89	43	96909	19.68	ug/l #	95
38) Carbon Tetrachloride	5.69	117	158339	18.61	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.25	83	152622	19.41	ug/l	97
40) Benzene	5.97	78	409178	20.63	ug/l	95
41) Methacrylonitrile	5.09	41	45756	19.10	ug/l #	91
42) 1,2-Dichloroethane	6.09	62	179148	20.58	ug/l	96
43) Isopropyl Acetate	7.59	43	125026	19.95	ug/l #	95
44) Trichloroethene	6.95	130	119382	18.56	ug/l	81
45) 1,2-Dichloropropane	7.32	63	111984	20.49	ug/l	98
46) Dibromomethane	7.43	93	77340	19.98	ug/l	94
47) Bromodichloromethane	7.71	83	178985	20.55	ug/l	97
48) Methyl methacrylate	7.48	41	77657	20.16	ug/l	91
49) 1,4-Dioxane	7.47	88	16257	424.33	ug/l	93
51) 4-Methyl-2-Pentanone	8.57	43	424717	102.19	ug/l	98
52) Toluene	8.78	92	226299	19.35	ug/l	96
53) t-1,3-Dichloropropene	9.16	75	150458	20.27	ug/l	99
54) cis-1,3-Dichloropropene	8.33	75	176880	20.56	ug/l	98
55) 1,1,2-Trichloroethane	9.43	97	80954	19.31	ug/l	95
56) Ethyl methacrylate	9.29	69	104182	21.38	ug/l	98
57) 1,3-Dichloropropane	9.64	76	149267	21.38	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.16	63	267800	106.91	ug/l	99
59) 2-Hexanone	9.76	43	322918	109.76	ug/l	99
60) Dibromochloromethane	9.94	129	117540	19.86	ug/l	98
61) 1,2-Dibromoethane	10.08	107	90021	19.11	ug/l	90
64) Tetrachloroethene	9.49	164	106524	16.73	ug/l	96
65) Chlorobenzene	10.71	112	271234	20.26	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.83	131	112051	22.14	ug/l	94
67) Ethyl Benzene	10.83	91	485378	21.61	ug/l	99
68) m/p-Xylenes	10.99	106	320825	42.78	ug/l	91
69) o-Xylene	11.39	106	148594	20.14	ug/l	98
70) Styrene	11.42	104	248735	19.83	ug/l	93
71) Bromoform	11.58	173	73328	17.42	ug/l	92
73) Isopropylbenzene	11.76	105	408445	19.72	ug/l	99
74) N-amyl acetate	11.63	43	172468	21.42	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.07	83	102176	20.62	ug/l	94
76) 1,2,3-Trichloropropane	12.09	75	104469	20.35	ug/l	99
77) Bromobenzene	12.03	156	130260	20.07	ug/l	98
78) n-propylbenzene	12.14	91	557461	20.98	ug/l	100
79) 2-Chlorotoluene	12.20	91	305905	19.73	ug/l	96
80) 1,3,5-Trimethylbenzene	12.30	105	335621	20.20	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.83	75	24676	20.65	ug/l	85
82) 4-Chlorotoluene	12.31	91	370094	20.86	ug/l	96
83) tert-Butylbenzene	12.57	119	383342	21.45	ug/l	97
84) 1,2,4-Trimethylbenzene	12.62	105	362252	20.68	ug/l	92
85) sec-Butylbenzene	12.74	105	454198	21.35	ug/l	99
86) p-Isopropyltoluene	12.87	119	382608	21.84	ug/l	98
87) 1,3-Dichlorobenzene	12.83	146	222613	20.59	ug/l	98
88) 1,4-Dichlorobenzene	12.91	146	216572	20.35	ug/l	98
89) n-Butylbenzene	13.19	91	382545	21.90	ug/l	99
90) Hexachloroethane	13.38	117	93003	21.15	ug/l	93
91) 1,2-Dichlorobenzene	13.18	146	198366	21.64	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.76	75	15902	19.54	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	164322	19.73	ug/l	97
94) Hexachlorobutadiene	14.43	225	128151	20.43	ug/l	97
95) Naphthalene	14.51	128	248743	20.94	ug/l	98
96) 1,2,3-Trichlorobenzene	14.65	180	141970	18.92	ug/l	93

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

