

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081418\
 Data File : VD059763.D
 Acq On : 14 Aug 2018 13:03
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 14 15:32:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	250738	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.69	114	319481	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.69	117	271541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	145862	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	168069	42.82	ug/l	0.01
Spiked Amount	50.000		Recovery	=	85.64%	
35) Dibromofluoromethane	5.55	113	151279	45.98	ug/l	0.01
Spiked Amount	50.000		Recovery	=	91.96%	
50) Toluene-d8	8.71	98	356961	54.71	ug/l	0.01
Spiked Amount	50.000		Recovery	=	109.42%	
62) 4-Bromofluorobenzene	11.94	95	157571	48.15	ug/l	0.01
Spiked Amount	50.000		Recovery	=	96.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.34	85	173348	46.22	ug/l	93
3) Chloromethane	1.48	50	97068	68.29	ug/l	93
4) Vinyl Chloride	1.56	62	107330	59.80	ug/l	100
5) Bromomethane	1.78	94	34978	46.41	ug/l	93
6) Chloroethane	1.88	64	45920	49.71	ug/l	99
7) Trichlorofluoromethane	2.09	101	168078	43.66	ug/l	98
8) Diethyl Ether	2.34	74	31981	51.41	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.55	101	95388	48.32	ug/l	99
10) Methyl Iodide	2.69	142	107116	43.37	ug/l	97
11) Tert butyl alcohol	3.27	59	31242	229.71	ug/l #	94
12) 1,1-Dichloroethene	2.54	96	71698	50.79	ug/l	92
13) Acrolein	2.47	56	33654	415.45	ug/l	92
14) Allyl chloride	2.92	41	166529	53.39	ug/l	97
15) Acrylonitrile	3.36	53	115216	342.68	ug/l	94
16) Acetone	2.61	43	187175	291.95	ug/l	98
17) Carbon Disulfide	2.76	76	245343	51.85	ug/l	100
18) Methyl Acetate	2.93	43	59773	48.53	ug/l	98
19) Methyl tert-butyl Ether	3.41	73	305067	55.23	ug/l	100
20) Methylene Chloride	3.07	84	77803	42.04	ug/l	94
21) trans-1,2-Dichloroethene	3.39	96	127033	70.99	ug/l	88
22) Diisopropyl ether	4.07	45	400083	67.83	ug/l	88
23) Vinyl Acetate	4.02	43	1225520	307.02	ug/l	98
24) 1,1-Dichloroethane	3.97	63	240904	55.30	ug/l	97
25) 2-Butanone	4.83	43	245036	355.59	ug/l	97
26) 2,2-Dichloropropane	4.79	77	256022	50.27	ug/l	96
27) cis-1,2-Dichloroethene	4.80	96	131251	60.63	ug/l	87
28) Bromochloromethane	5.14	49	97909	62.41	ug/l	81
29) Tetrahydrofuran	5.19	42	91406	354.75	ug/l	97
30) Chloroform	5.31	83	296791	51.57	ug/l	100
31) Cyclohexane	5.59	56	173563	68.63	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	277039	46.44	ug/l	97
36) 1,1-Dichloropropene	5.75	75	194874	52.55	ug/l	94
37) Ethyl Acetate	4.92	43	98818	60.59	ug/l #	92
38) Carbon Tetrachloride	5.73	117	246758	42.29	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	175683	63.94	ug/l	96
40) Benzene	6.01	78	392474	60.74	ug/l	99
41) Methacrylonitrile	5.13	41	47552	62.03	ug/l #	89
42) 1,2-Dichloroethane	6.13	62	222573	43.43	ug/l	95
43) Isopropyl Acetate	7.62	43	119405	58.11	ug/l #	93
44) Trichloroethene	6.98	130	137288	52.68	ug/l	91
45) 1,2-Dichloropropane	7.35	63	103767	63.05	ug/l	95
46) Dibromomethane	7.46	93	84902	48.57	ug/l	97
47) Bromodichloromethane	7.74	83	212460	46.00	ug/l	98
48) Methyl methacrylate	7.50	41	81356	54.25	ug/l	88
49) 1,4-Dioxane	7.49	88	13605	1283.26	ug/l #	87
51) 4-Methyl-2-Pentanone	8.60	43	501747	316.80	ug/l	92
52) Toluene	8.81	92	242246	58.30	ug/l	100
53) t-1,3-Dichloropropene	9.19	75	184113	49.61	ug/l	98
54) cis-1,3-Dichloropropene	8.36	75	193840	54.42	ug/l	87
55) 1,1,2-Trichloroethane	9.46	97	90382	55.16	ug/l	95
56) Ethyl methacrylate	9.31	69	106990	57.30	ug/l #	84
57) 1,3-Dichloropropane	9.66	76	141259	51.79	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.19	63	240402	278.00	ug/l	99
59) 2-Hexanone	9.79	43	374390	315.89	ug/l	91
60) Dibromochloromethane	9.96	129	144569	45.73	ug/l	100
61) 1,2-Dibromoethane	10.10	107	106117	51.79	ug/l	98
64) Tetrachloroethene	9.52	164	128159	48.09	ug/l	93
65) Chlorobenzene	10.73	112	292830	52.84	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.85	131	124250	44.26	ug/l	98
67) Ethyl Benzene	10.86	91	522213	50.29	ug/l	95
68) m/p-Xylenes	11.01	106	347900	104.51	ug/l	93
69) o-Xylene	11.40	106	172171	53.19	ug/l	88
70) Styrene	11.43	104	290149	54.73	ug/l	93
71) Bromoform	11.60	173	101193	47.66	ug/l	98
73) Isopropylbenzene	11.78	105	522932	52.77	ug/l	97
74) N-amyl acetate	11.64	43	175869	61.91	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.07	83	109481	60.55	ug/l	99
76) 1,2,3-Trichloropropane	12.11	75	124312	57.61	ug/l	99
77) Bromobenzene	12.04	156	154517	53.39	ug/l	84
78) n-propylbenzene	12.15	91	655062	54.41	ug/l	99
79) 2-Chlorotoluene	12.22	91	372303	48.84	ug/l	89
80) 1,3,5-Trimethylbenzene	12.32	105	437556	50.97	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.85	75	31706	65.24	ug/l #	76
82) 4-Chlorotoluene	12.33	91	450056	50.09	ug/l	96
83) tert-Butylbenzene	12.57	119	462192	49.50	ug/l	96
84) 1,2,4-Trimethylbenzene	12.62	105	457049	51.59	ug/l	96
85) sec-Butylbenzene	12.75	105	534541	53.85	ug/l	99
86) p-Isopropyltoluene	12.89	119	459362	51.35	ug/l	90
87) 1,3-Dichlorobenzene	12.84	146	262639	53.60	ug/l	99
88) 1,4-Dichlorobenzene	12.93	146	267461	54.60	ug/l	98
89) n-Butylbenzene	13.19	91	469307	53.06	ug/l	97
90) Hexachloroethane	13.40	117	117615	50.68	ug/l	94
91) 1,2-Dichlorobenzene	13.19	146	217791	52.32	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.77	75	20850	46.29	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	189299	47.90	ug/l	99
94) Hexachlorobutadiene	14.43	225	143604	43.36	ug/l	99
95) Naphthalene	14.51	128	279985	52.61	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	165589	49.01	ug/l	99

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

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