

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058267.D
 Acq On : 21 Jun 2018 22:12
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 22 06:18:02 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	5.64	168	894890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1054530	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	889789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	456470	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	481825	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	5.55	113	498946	58.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.26%	
50) Toluene-d8	8.71	98	1183789	57.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.02%	
62) 4-Bromofluorobenzene	11.94	95	481947	56.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.64%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.33	85	450525	54.20	ug/l	96
3) Chloromethane	1.47	50	206842	53.25	ug/l	98
4) Vinyl Chloride	1.54	62	219152	46.75	ug/l	99
5) Bromomethane	1.78	94	70869	43.92	ug/l	100
6) Chloroethane	1.87	64	71860	40.55	ug/l	95
7) Trichlorofluoromethane	2.07	101	285769	44.46	ug/l	93
8) Diethyl Ether	2.33	74	68661	50.50	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.55	101	197351	48.30	ug/l	99
10) Methyl Iodide	2.68	142	304108	65.43	ug/l	99
11) Tert butyl alcohol	3.27	59	66455	222.91	ug/l	98
12) 1,1-Dichloroethene	2.54	96	143081	46.54	ug/l	98
13) Acrolein	2.46	56	45863	269.49	ug/l	95
14) Allyl chloride	2.91	41	335777	46.92	ug/l	97
15) Acrylonitrile	3.35	53	175762	222.35	ug/l	95
16) Acetone	2.61	43	276399	223.59	ug/l	94
17) Carbon Disulfide	2.74	76	434028	41.49	ug/l	100
18) Methyl Acetate	2.93	43	141199	53.56	ug/l	99
19) Methyl tert-butyl Ether	3.40	73	468552	57.46	ug/l	96
20) Methylene Chloride	3.06	84	164605	51.11	ug/l	99
21) trans-1,2-Dichloroethene	3.37	96	146143	43.49	ug/l	80
22) Diisopropyl ether	4.06	45	1336307	47.02	ug/l	97
23) Vinyl Acetate	4.01	43	3492132	229.22	ug/l	100
24) 1,1-Dichloroethane	3.96	63	785982	51.33	ug/l	99
25) 2-Butanone	4.84	43	642915	238.63	ug/l	93
26) 2,2-Dichloropropane	4.79	77	590503	46.06	ug/l	98
27) cis-1,2-Dichloroethene	4.80	96	433539	51.63	ug/l	97
28) Bromochloromethane	5.15	49	355571	51.81	ug/l	# 91
29) Tetrahydrofuran	5.18	42	315877	220.26	ug/l	95
30) Chloroform	5.32	83	809699	50.09	ug/l	96
31) Cyclohexane	5.59	56	566324	51.05	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	672884	50.38	ug/l	97
36) 1,1-Dichloropropene	5.75	75	563006	53.97	ug/l	95
37) Ethyl Acetate	4.93	43	323215	54.38	ug/l	96
38) Carbon Tetrachloride	5.73	117	555531	53.59	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	541134	53.26	ug/l	99
40) Benzene	6.01	78	1300757	52.34	ug/l	99
41) Methacrylonitrile	5.13	41	160078	55.77	ug/l	97
42) 1,2-Dichloroethane	6.13	62	563559	56.24	ug/l	100
43) Isopropyl Acetate	7.62	43	405765	51.21	ug/l	96
44) Trichloroethene	6.98	130	419281	56.19	ug/l	98
45) 1,2-Dichloropropane	7.35	63	376889	56.32	ug/l	98
46) Dibromomethane	7.47	93	255282	55.88	ug/l	96
47) Bromodichloromethane	7.74	83	567330	54.45	ug/l	98
48) Methyl methacrylate	7.51	41	256564	53.27	ug/l	96
49) 1,4-Dioxane	7.50	88	52699	1212.18	ug/l #	79
51) 4-Methyl-2-Pentanone	8.60	43	1332697	257.84	ug/l	98
52) Toluene	8.81	92	762740	53.90	ug/l	97
53) t-1,3-Dichloropropene	9.19	75	472809	52.20	ug/l	99
54) cis-1,3-Dichloropropene	8.36	75	560464	52.78	ug/l	96
55) 1,1,2-Trichloroethane	9.46	97	266487	53.23	ug/l	98
56) Ethyl methacrylate	9.32	69	316473	52.86	ug/l	99
57) 1,3-Dichloropropane	9.67	76	475115	56.34	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.20	63	834186	281.44	ug/l	96
59) 2-Hexanone	9.79	43	979294	262.20	ug/l	98
60) Dibromochloromethane	9.96	129	361792	53.25	ug/l	99
61) 1,2-Dibromoethane	10.10	107	311427	56.84	ug/l	99
64) Tetrachloroethene	9.52	164	419894	56.08	ug/l	96
65) Chlorobenzene	10.73	112	849449	51.04	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.86	131	329174	51.25	ug/l	96
67) Ethyl Benzene	10.86	91	1465800	49.88	ug/l	100
68) m/p-Xylenes	11.01	106	990683	101.10	ug/l	99
69) o-Xylene	11.41	106	480943	51.39	ug/l	99
70) Styrene	11.44	104	819624	51.32	ug/l	99
71) Bromoform	11.60	173	257707	50.30	ug/l	96
73) Isopropylbenzene	11.78	105	1396787	51.16	ug/l	98
74) N-amyl acetate	11.65	43	536268	50.80	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.08	83	320588	50.46	ug/l	95
76) 1,2,3-Trichloropropane	12.12	75	329517	49.44	ug/l	99
77) Bromobenzene	12.05	156	438519	53.63	ug/l	98
78) n-propylbenzene	12.15	91	1818515	51.57	ug/l	100
79) 2-Chlorotoluene	12.21	91	1042360	51.66	ug/l	97
80) 1,3,5-Trimethylbenzene	12.32	105	1095123	51.42	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.85	75	80500	49.52	ug/l	88
82) 4-Chlorotoluene	12.33	91	1115334	57.54	ug/l	99
83) tert-Butylbenzene	12.58	119	1221327	49.88	ug/l	97
84) 1,2,4-Trimethylbenzene	12.63	105	1175485	50.78	ug/l	100
85) sec-Butylbenzene	12.76	105	1456719	50.76	ug/l	100
86) p-Isopropyltoluene	12.88	119	1213031	52.16	ug/l	99
87) 1,3-Dichlorobenzene	12.84	146	739764	52.06	ug/l	98
88) 1,4-Dichlorobenzene	12.93	146	704851	50.79	ug/l	100
89) n-Butylbenzene	13.20	91	1179600	48.26	ug/l	99
90) Hexachloroethane	13.40	117	290413	48.11	ug/l	92
91) 1,2-Dichlorobenzene	13.20	146	586748	48.52	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.78	75	54504	53.90	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	573769	49.61	ug/l	97
94) Hexachlorobutadiene	14.44	225	456596	50.47	ug/l	98
95) Naphthalene	14.52	128	799558	52.48	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	509474	50.32	ug/l	98

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

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