

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091018\
 Data File : VD059985.D
 Acq On : 10 Sep 2018 11:09
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 9/11/2018 12:25:17 PM

Quant Time: Sep 10 14:25:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1438548	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.43	114	1976045	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1584220	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	851879	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	541028	44.62	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	89.24%	
35) Dibromofluoromethane	6.32	113	789319	50.95	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	101.90%	
50) Toluene-d8	9.45	98	2193083	51.01	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.42	95	829668	47.51	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	95.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	571294	44.43	ug/l	99
3) Chloromethane	1.75	50	564753	48.48	ug/l	97
4) Vinyl Chloride	1.85	62	508706	55.69	ug/l	99
5) Bromomethane	2.14	94	83213	52.77	ug/l	87
6) Chloroethane	2.25	64	161653	57.31	ug/l	98
7) Trichlorofluoromethane	2.50	101	631334	59.75	ug/l	95
8) Diethyl Ether	2.82	74	133534	56.33	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.08	101	424462	65.59	ug/l	95
10) Methyl Iodide	3.24	142	428078	61.26	ug/l	95
11) Tert butyl alcohol	3.96	59	192393	207.96	ug/l	98
12) 1,1-Dichloroethene	3.06	96	321028	63.72	ug/l	94
13) Acrolein	2.97	56	79402	197.88	ug/l	91
14) Allyl chloride	3.53	41	667012	58.52	ug/l	98
15) Acrylonitrile	4.08	53	819081	236.42	ug/l	99
16) Acetone	3.15	43	662579	299.95	ug/l	99
17) Carbon Disulfide	3.31	76	828301	52.97	ug/l	100
18) Methyl Acetate	3.54	43	246973	53.56	ug/l	99
19) Methyl tert-butyl Ether	4.12	73	1387242	48.68	ug/l	99
20) Methylene Chloride	3.71	84	802708	54.80	ug/l	93
21) trans-1,2-Dichloroethene	4.09	96	733387	52.84	ug/l	98
22) Diisopropyl ether	4.84	45	3062300	52.68	ug/l	99
23) Vinyl Acetate	4.79	43	7821348	240.70	ug/l	99
24) 1,1-Dichloroethane	4.75	63	1387137	55.24	ug/l	100
25) 2-Butanone	5.61	43	1588424	242.79	ug/l	98
26) 2,2-Dichloropropane	5.58	77	1143978	54.50	ug/l	99
27) cis-1,2-Dichloroethene	5.58	96	861107	56.66	ug/l	96
28) Bromochloromethane	5.92	49	607210	50.45	ug/l	95
29) Tetrahydrofuran	5.95	42	707885	227.28	ug/l	98
30) Chloroform	6.09	83	1420291	55.65	ug/l	97
31) Cyclohexane	6.36	56	1122233	48.61	ug/l	99
32) 1,1,1-Trichloroethane	6.28	97	1166272	53.85	ug/l	99
36) 1,1-Dichloropropene	6.52	75	987900	55.15	ug/l	98
37) Ethyl Acetate	5.69	43	633886	45.48	ug/l	99
38) Carbon Tetrachloride	6.49	117	972535	53.80	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.03	83	1027479	53.09	ug/l	98
40) Benzene	6.79	78	2529250	54.30	ug/l	100
41) Methacrylonitrile	5.94	41	449016m	63.95	ug/l	
42) 1,2-Dichloroethane	6.89	62	761502	50.93	ug/l	97
43) Isopropyl Acetate	8.35	43	838968	46.26	ug/l	100
44) Trichloroethene	7.74	130	785452	57.27	ug/l	99
45) 1,2-Dichloropropane	8.10	63	705034	54.15	ug/l	98
46) Dibromomethane	8.21	93	424719	50.74	ug/l	95
47) Bromodichloromethane	8.48	83	1027561	54.22	ug/l	99
48) Methyl methacrylate	8.24	41	487175	46.09	ug/l	98
49) 1,4-Dioxane	8.23	88	88435	937.04	ug/l	95
51) 4-Methyl-2-Pentanone	9.34	43	3232305	239.08	ug/l	99
52) Toluene	9.55	92	1636934	54.81	ug/l	100
53) t-1,3-Dichloropropene	9.91	75	904195	51.58	ug/l	99
54) cis-1,3-Dichloropropene	9.09	75	1079335	53.11	ug/l	99
55) 1,1,2-Trichloroethane	10.18	97	554778	50.82	ug/l	99
56) Ethyl methacrylate	10.03	69	606694	48.15	ug/l	99
57) 1,3-Dichloropropane	10.37	76	820679	51.94	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.92	63	1514807	250.62	ug/l	96
59) 2-Hexanone	10.48	43	2455927	246.29	ug/l	100
60) Dibromochloromethane	10.64	129	712520	51.92	ug/l	100
61) 1,2-Dibromoethane	10.76	107	557421	50.50	ug/l	97
64) Tetrachloroethene	10.25	164	716804	58.52	ug/l	98
65) Chlorobenzene	11.31	112	1842117	58.51	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.42	131	656541	57.08	ug/l	98
67) Ethyl Benzene	11.43	91	3103453	58.60	ug/l	98
68) m/p-Xylenes	11.56	106	2256381	117.01	ug/l	96
69) o-Xylene	11.93	106	1132459	60.04	ug/l	99
70) Styrene	11.95	104	1906290	58.37	ug/l	97
71) Bromoform	12.12	173	503609	50.61	ug/l	98
73) Isopropylbenzene	12.27	105	3019562	55.53	ug/l	99
74) N-amyl acetate	12.14	43	1071041	44.98	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.56	83	609921	48.49	ug/l	99
76) 1,2,3-Trichloropropane	12.60	75	651031	49.17	ug/l	99
77) Bromobenzene	12.54	156	837202	55.53	ug/l	86
78) n-propylbenzene	12.64	91	3901229	56.66	ug/l	97
79) 2-Chlorotoluene	12.71	91	2105233	54.06	ug/l	94
80) 1,3,5-Trimethylbenzene	12.80	105	2388499	55.25	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.34	75	191344	46.46	ug/l	94
82) 4-Chlorotoluene	12.80	91	2402398	54.09	ug/l	94
83) tert-Butylbenzene	13.04	119	2771999	56.28	ug/l	95
84) 1,2,4-Trimethylbenzene	13.09	105	2329071	51.69	ug/l	98
85) sec-Butylbenzene	13.22	105	3191996	55.11	ug/l	99
86) p-Isopropyltoluene	13.34	119	2653989	56.35	ug/l	97
87) 1,3-Dichlorobenzene	13.31	146	1512881	56.21	ug/l	97
88) 1,4-Dichlorobenzene	13.39	146	1512797	56.33	ug/l	96
89) n-Butylbenzene	13.64	91	2651180	61.81	ug/l	98
90) Hexachloroethane	13.86	117	686161	54.25	ug/l	84
91) 1,2-Dichlorobenzene	13.66	146	1257198	54.93	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.22	75	86680	44.82	ug/l	78

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93) 1,2,4-Trichlorobenzene	14.78	180	1070833	54.64	ug/l	98
94) Hexachlorobutadiene	14.88	225	748546	58.27	ug/l	99
95) Naphthalene	14.96	128	1525642	50.95	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	904496	53.97	ug/l	99

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

