

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061818\
 Data File : VD058175.D
 Acq On : 18 Jun 2018 12:04
 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: Jun 19 05:47:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	960721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1212178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	981187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	481766	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	394745	41.10	ug/l	0.00
Spiked Amount			Recovery	=	82.20%	
35) Dibromofluoromethane	5.55	113	444398	47.38	ug/l	0.00
Spiked Amount			Recovery	=	94.76%	
50) Toluene-d8	8.71	98	1020689	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	
62) 4-Bromofluorobenzene	11.93	95	438462	45.08	ug/l	0.00
Spiked Amount			Recovery	=	90.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.35	85	558367	43.30	ug/l	98
3) Chloromethane	1.49	50	260430	41.01	ug/l	99
4) Vinyl Chloride	1.56	62	293008	47.67	ug/l	100
5) Bromomethane	1.80	94	107820	44.75	ug/l	93
6) Chloroethane	1.89	64	122079	50.34	ug/l	92
7) Trichlorofluoromethane	2.08	101	407429	48.49	ug/l	97
8) Diethyl Ether	2.35	74	79548	50.96	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.56	101	245177	48.92	ug/l	96
10) Methyl Iodide	2.70	142	311024	48.09	ug/l	94
11) Tert butyl alcohol	3.28	59	78733	306.00	ug/l #	93
12) 1,1-Dichloroethene	2.55	96	187761	48.73	ug/l	97
13) Acrolein	2.48	56	100407	272.48	ug/l	98
14) Allyl chloride	2.92	41	435278	48.97	ug/l	98
15) Acrylonitrile	3.37	53	310548	206.31	ug/l	96
16) Acetone	2.62	43	386734	279.47	ug/l	97
17) Carbon Disulfide	2.75	76	654388	46.88	ug/l	100
18) Methyl Acetate	2.94	43	139716	52.19	ug/l	97
19) Methyl tert-butyl Ether	3.41	73	859363	50.69	ug/l	96
20) Methylene Chloride	3.07	84	202008	53.68	ug/l #	90
21) trans-1,2-Dichloroethene	3.39	96	391797	45.65	ug/l	97
22) Diisopropyl ether	4.07	45	1613202	45.81	ug/l	98
23) Vinyl Acetate	4.02	43	4545799	249.85	ug/l	98
24) 1,1-Dichloroethane	3.97	63	933959	48.26	ug/l	98
25) 2-Butanone	4.84	43	725897	230.82	ug/l #	90
26) 2,2-Dichloropropane	4.80	77	812171	50.94	ug/l	96
27) cis-1,2-Dichloroethene	4.81	96	488987	48.04	ug/l	92
28) Bromochloromethane	5.15	49	400557	47.82	ug/l	94
29) Tetrahydrofuran	5.19	42	384931	233.50	ug/l	99
30) Chloroform	5.32	83	928138	47.65	ug/l	99
31) Cyclohexane	5.60	56	720177	43.12	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	830124	50.90	ug/l	97
36) 1,1-Dichloropropene	5.75	75	651528	48.79	ug/l	97
37) Ethyl Acetate	4.93	43	357499	49.06	ug/l	96
38) Carbon Tetrachloride	5.73	117	711876	54.09	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	695797	52.56	ug/l	98
40) Benzene	6.02	78	1553471	49.79	ug/l	100
41) Methacrylonitrile	5.13	41	183148	54.97	ug/l	96
42) 1,2-Dichloroethane	6.13	62	640944	50.81	ug/l	99
43) Isopropyl Acetate	7.62	43	487048	51.03	ug/l	95
44) Trichloroethene	6.99	130	490764	53.85	ug/l	96
45) 1,2-Dichloropropane	7.35	63	450649	51.97	ug/l	100
46) Dibromomethane	7.46	93	289639	52.00	ug/l	97
47) Bromodichloromethane	7.75	83	700482	53.71	ug/l	96
48) Methyl methacrylate	7.51	41	292645	49.81	ug/l	96
49) 1,4-Dioxane	7.49	88	48257	991.54	ug/l	95
51) 4-Methyl-2-Pentanone	8.60	43	1537503	251.13	ug/l	100
52) Toluene	8.80	92	918449	51.30	ug/l	97
53) t-1,3-Dichloropropene	9.19	75	596762	53.11	ug/l	100
54) cis-1,3-Dichloropropene	8.37	75	706352	53.36	ug/l	99
55) 1,1,2-Trichloroethane	9.46	97	307545	53.07	ug/l	98
56) Ethyl methacrylate	9.31	69	378297	53.22	ug/l	98
57) 1,3-Dichloropropane	9.66	76	539056	53.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.19	63	898924	250.31	ug/l	100
59) 2-Hexanone	9.78	43	1185707	264.28	ug/l	99
60) Dibromochloromethane	9.96	129	460134	56.31	ug/l	97
61) 1,2-Dibromoethane	10.10	107	348787	52.34	ug/l	91
64) Tetrachloroethene	9.52	164	458385	52.26	ug/l	98
65) Chlorobenzene	10.73	112	999535	50.32	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.85	131	405434	53.13	ug/l	99
67) Ethyl Benzene	10.86	91	1760718	49.06	ug/l	99
68) m/p-Xylenes	11.01	106	1168555	99.89	ug/l	95
69) o-Xylene	11.41	106	555954	47.88	ug/l	98
70) Styrene	11.44	104	930308	48.39	ug/l	99
71) Bromoform	11.60	173	334882	58.33	ug/l	100
73) Isopropylbenzene	11.77	105	1651576	51.76	ug/l	100
74) N-amyl acetate	11.64	43	636312	51.68	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.08	83	367618	52.84	ug/l	99
76) 1,2,3-Trichloropropane	12.12	75	380277	52.55	ug/l	94
77) Bromobenzene	12.04	156	506691	53.64	ug/l	93
78) n-propylbenzene	12.16	91	2111985	50.86	ug/l	100
79) 2-Chlorotoluene	12.21	91	1245324	52.57	ug/l	99
80) 1,3,5-Trimethylbenzene	12.32	105	1273039	51.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.84	75	107265	59.84	ug/l	93
82) 4-Chlorotoluene	12.32	91	1316584	57.64	ug/l	99
83) tert-Butylbenzene	12.58	119	1501455	53.43	ug/l	99
84) 1,2,4-Trimethylbenzene	12.63	105	1382090	51.65	ug/l	100
85) sec-Butylbenzene	12.76	105	1746859	51.51	ug/l	99
86) p-Isopropyltoluene	12.88	119	1414699	51.76	ug/l	99
87) 1,3-Dichlorobenzene	12.84	146	835722	52.31	ug/l	96
88) 1,4-Dichlorobenzene	12.92	146	813324	52.24	ug/l	93
89) n-Butylbenzene	13.20	91	1372821	56.31	ug/l	99
90) Hexachloroethane	13.40	117	362091	51.90	ug/l	64
91) 1,2-Dichlorobenzene	13.19	146	632271	48.97	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.77	75	62988	58.66	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	723705	59.99	ug/l	99
94) Hexachlorobutadiene	14.44	225	564705	59.51	ug/l	97
95) Naphthalene	14.52	128	928090	59.67	ug/l	98
96) 1,2,3-Trichlorobenzene	14.67	180	598747	58.24	ug/l	95

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

