

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058016.D
 Acq On : 8 Jun 2018 14:24
 Operator : VA/AP
 Sample : J3320-02MS
 Misc : 6.75g/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S39-0177MS

Quant Time: Jun 08 23:55:26 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	5.64	168	840272	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.68	114	1110986	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	794050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	286028	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	402114	47.87	ug/l	0.00
Spiked Amount						
			Recovery	=	95.74%	
35) Dibromofluoromethane	5.54	113	417159	48.53	ug/l	-0.02
Spiked Amount						
			Recovery	=	97.06%	
50) Toluene-d8	8.70	98	979330	47.92	ug/l	0.00
Spiked Amount						
			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.93	95	314301	35.26	ug/l	0.00
Spiked Amount						
			Recovery	=	70.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.35	85	554340	49.15	ug/l	96
3) Chloromethane	1.48	50	293212	52.79	ug/l	96
4) Vinyl Chloride	1.56	62	301410	56.06	ug/l	100
5) Bromomethane	1.80	94	122907	58.33	ug/l	97
6) Chloroethane	1.89	64	127121	59.93	ug/l	92
7) Trichlorofluoromethane	2.09	101	412640	56.15	ug/l	99
8) Diethyl Ether	2.35	74	83204	60.94	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.56	101	235448	53.71	ug/l	98
10) Methyl Iodide	2.69	142	331938	58.69	ug/l	94
11) Tert butyl alcohol	3.26	59	62712	278.67	ug/l	98
12) 1,1-Dichloroethene	2.55	96	182618	54.19	ug/l	88
13) Acrolein	2.48	56	60100	186.48	ug/l	96
14) Allyl chloride	2.92	41	405204	52.12	ug/l	95
15) Acrylonitrile	3.36	53	312024	237.01	ug/l	97
16) Acetone	2.62	43	433519	358.19	ug/l	97
17) Carbon Disulfide	2.75	76	683087	55.95	ug/l	100
18) Methyl Acetate	2.93	43	188018	80.30	ug/l	95
19) Methyl tert-butyl Ether	3.40	73	790639	53.32	ug/l	99
20) Methylene Chloride	3.07	84	191618	57.87	ug/l	96
21) trans-1,2-Dichloroethene	3.38	96	415772	55.39	ug/l	99
22) Diisopropyl ether	4.06	45	1619260	52.58	ug/l	97
23) Vinyl Acetate	4.01	43	3878491	243.73	ug/l	99
24) 1,1-Dichloroethane	3.97	63	904733	53.45	ug/l	99
25) 2-Butanone	4.83	43	756357	274.98	ug/l	99
26) 2,2-Dichloropropane	4.79	77	712043	51.07	ug/l	91
27) cis-1,2-Dichloroethene	4.80	96	590145	66.29	ug/l	99
28) Bromochloromethane	5.14	49	381956	52.14	ug/l	97
29) Tetrahydrofuran	5.17	42	354653	245.97	ug/l	98
30) Chloroform	5.31	83	895733	52.58	ug/l	97
31) Cyclohexane	5.59	56	674623	46.18	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	759400	53.24	ug/l	96
36) 1,1-Dichloropropene	5.74	75	643140	52.54	ug/l	98
37) Ethyl Acetate	4.92	43	441673	66.13	ug/l	97
38) Carbon Tetrachloride	5.72	117	625553	51.86	ug/l	97

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39) Methylcyclohexane	7.27	83	527889	43.51	ug/l	97
40) Benzene	6.00	78	1541364	53.91	ug/l	97
41) Methacrylonitrile	5.12	41	168177	55.07	ug/l	98
42) 1,2-Dichloroethane	6.12	62	604781	52.31	ug/l	99
43) Isopropyl Acetate	7.61	43	462946	52.92	ug/l #	99
44) Trichloroethene	6.98	130	448552	53.71	ug/l	99
45) 1,2-Dichloropropane	7.34	63	415897	52.33	ug/l	98
46) Dibromomethane	7.46	93	260095	50.95	ug/l	94
47) Bromodichloromethane	7.73	83	625857	52.36	ug/l	97
48) Methyl methacrylate	7.50	41	289941	53.85	ug/l	96
49) 1,4-Dioxane	7.48	88	48270	1082.15	ug/l	87
51) 4-Methyl-2-Pentanone	8.59	43	1525650	271.90	ug/l	98
52) Toluene	8.80	92	777610	47.39	ug/l	96
53) t-1,3-Dichloropropene	9.18	75	537806	52.22	ug/l	97
54) cis-1,3-Dichloropropene	8.35	75	636485	52.46	ug/l	98
55) 1,1,2-Trichloroethane	9.45	97	260128	48.98	ug/l	99
56) Ethyl methacrylate	9.31	69	332998	51.11	ug/l	97
57) 1,3-Dichloropropane	9.65	76	479061	51.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.18	63	813948	247.29	ug/l	99
59) 2-Hexanone	9.77	43	1058417	257.39	ug/l	98
60) Dibromochloromethane	9.95	129	372439	49.73	ug/l	99
61) 1,2-Dibromoethane	10.09	107	296748	48.59	ug/l	94
64) Tetrachloroethene	9.51	164	378115	53.26	ug/l	98
65) Chlorobenzene	10.72	112	830405	51.66	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.85	131	337760	54.69	ug/l	97
67) Ethyl Benzene	10.85	91	1530752	52.71	ug/l	98
68) m/p-Xylenes	11.01	106	963604	101.78	ug/l	89
69) o-Xylene	11.40	106	479440	51.02	ug/l	100
70) Styrene	11.43	104	703613	45.23	ug/l	97
71) Bromoform	11.59	173	234527	50.48	ug/l	99
73) Isopropylbenzene	11.77	105	1368669	72.24	ug/l	99
74) N-amyl acetate	11.64	43	531724	72.74	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.07	83	291240	70.51	ug/l	100
76) 1,2,3-Trichloropropane	12.11	75	316385	73.64	ug/l	98
77) Bromobenzene	12.04	156	348107	62.08	ug/l	85
78) n-propylbenzene	12.14	91	1542334	62.56	ug/l	97
79) 2-Chlorotoluene	12.21	91	874186	62.16	ug/l	94
80) 1,3,5-Trimethylbenzene	12.31	105	909815	61.58	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.84	75	80070	75.24	ug/l	96
82) 4-Chlorotoluene	12.32	91	913842	67.96	ug/l	91
83) tert-Butylbenzene	12.57	119	1065395	63.86	ug/l	93
84) 1,2,4-Trimethylbenzene	12.62	105	1026728	64.63	ug/l	98
85) sec-Butylbenzene	12.74	105	1156870	57.46	ug/l	99
86) p-Isopropyltoluene	12.88	119	863452	53.21	ug/l	96
87) 1,3-Dichlorobenzene	12.83	146	474320	50.00	ug/l	99
88) 1,4-Dichlorobenzene	12.92	146	452243	48.93	ug/l	98
89) n-Butylbenzene	13.19	91	755510	51.85	ug/l	97
90) Hexachloroethane	13.39	117	233375	56.35	ug/l	81
91) 1,2-Dichlorobenzene	13.19	146	367722	47.97	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	41202	64.63	ug/l	64

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93) 1,2,4-Trichlorobenzene	14.33	180	179911	25.12	ug/l	96
94) Hexachlorobutadiene	14.43	225	139866	24.83	ug/l	95
95) Naphthalene	14.51	128	273442	29.61	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	129620	21.24	ug/l	99

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

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