

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054297.D
 Acq On : 15 Mar 2019 8:12
 Operator : JC/SP
 Sample : K1902-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30300

Quant Time: Mar 15 12:46:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1531660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2526718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2704964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1291641	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	771030	47.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.80%	
35) Dibromofluoromethane	7.59	113	754231	46.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.56%	
50) Toluene-d8	10.09	98	3169789	52.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.40	95	1270814	60.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	120.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.94	142	399	1.514	ug/l #	66
11) Tert butyl alcohol	4.81	59	8767	7.862	ug/l #	84
13) Acrolein	3.61	56	73452	69.512	ug/l	99
14) Allyl chloride	4.09	41	138547	6.786	ug/l #	69
16) Acetone	3.82	43	17742233	3809.466	ug/l	99
17) Carbon Disulfide	4.04	76	31655	0.794	ug/l	96
18) Methyl Acetate	4.33	43	297990	31.625	ug/l	98
20) Methylene Chloride	4.54	84	14924	0.976	ug/l	94
22) Diisopropyl ether	6.06	45	32623	0.801	ug/l #	1
23) Vinyl Acetate	6.06	43	75492	2.513	ug/l #	70
25) 2-Butanone	6.84	43	914340	167.266	ug/l	99
29) Tetrahydrofuran	7.21	42	2892	0.823	ug/l #	1
36) 1,1-Dichloropropene	7.83	75	5048	0.217	ug/l #	42
37) Ethyl Acetate	6.94	43	1930598	144.397	ug/l	97
38) Carbon Tetrachloride	7.66	117	125035	5.124	ug/l #	16
40) Benzene	8.04	78	15559	0.234	ug/l	99
41) Methacrylonitrile	7.21	41	22385	2.932	ug/l #	40
43) Isopropyl Acetate	8.17	43	5814	0.248	ug/l #	74
44) Trichloroethene	8.83	130	7967	0.385	ug/l	62
48) Methyl methacrylate	9.17	41	40184	3.374	ug/l #	37
49) 1,4-Dioxane	9.20	88	2179	12.935	ug/l #	27
51) 4-Methyl-2-Pentanone	9.99	43	421521	33.940	ug/l #	82
52) Toluene	10.16	92	260300	6.165	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	371	2.000	ug/l #	42
56) Ethyl methacrylate	10.36	69	17447	0.949	ug/l #	60
58) 2-Chloroethyl Vinyl ether	9.69	63	203	16.852	ug/l #	1
59) 2-Hexanone	10.72	43	1694773	205.082	ug/l #	23
60) Dibromochloromethane	10.63	129	91774	5.289	ug/l #	11
64) Tetrachloroethene	10.63	164	114032	4.360	ug/l	99
67) Ethyl Benzene	11.51	91	1060519	10.772	ug/l	99
68) m/p-Xylenes	11.62	106	2171273	56.425	ug/l	99
69) o-Xylene	11.95	106	1463063	39.002	ug/l	99
70) Styrene	11.95	104	72244	1.228	ug/l #	1
71) Bromoform	12.14	173	1550	2.440	ug/l #	28

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Isopropylbenzene	12.25	105	185145	1.792	ug/l	98
74) N-amyI acetate	12.03	43	339372	14.795	ug/l #	45
76) 1,2,3-Trichloropropane	12.65	75	30509	1.606	ug/l #	100
77) Bromobenzene	12.56	156	261404	9.559	ug/l #	1
78) n-propylbenzene	12.59	91	820254	7.315	ug/l	100
79) 2-Chlorotoluene	12.65	91	473468	7.023	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.73	105	2077928	24.174	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	588565	105.926	ug/l #	11
82) 4-Chlorotoluene	12.73	91	209356	3.110	ug/l #	40
83) tert-Butylbenzene	13.04	119	1131668	14.304	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.04	105	8936941	105.979	ug/l	100
85) sec-Butylbenzene	13.04	105	8936941	87.101	ug/l #	55
86) p-Isopropyltoluene	13.29	119	156758	1.741	ug/l	99
89) n-Butylbenzene	13.62	91	302301	4.420	ug/l #	68
90) Hexachloroethane	13.89	117	179843	12.066	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	15943	4.680	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.92	180	928	2.549	ug/l #	12
95) Naphthalene	15.13	128	2855257	50.373	ug/l	98
96) 1,2,3-Trichlorobenzene	15.34	180	15384	0.643	ug/l #	1

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

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