

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056336.D
 Acq On : 17 Jun 2019 13:35
 Operator : JC/SP
 Sample : VN0617WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Quant Time: Jun 18 05:07:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	352480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	549191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	481872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183562	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	210553	53.13	ug/l	0.00
Spiked Amount			Recovery	=	106.26%	
35) Dibromofluoromethane	7.59	113	181270	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
50) Toluene-d8	10.09	98	683706	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.40	95	223285	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	67214	21.689	ug/l	97
3) Chloromethane	2.06	50	88589	21.320	ug/l	99
4) Vinyl Chloride	2.18	62	83784	20.517	ug/l	98
5) Bromomethane	2.54	94	52740m	22.202	ug/l	
6) Chloroethane	2.69	64	49148	20.779	ug/l	100
7) Trichlorofluoromethane	3.01	101	105289	20.188	ug/l	98
8) Diethyl Ether	3.40	74	42354	20.474	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	67457	19.998	ug/l	99
10) Methyl Iodide	3.94	142	84024	19.465	ug/l	99
11) Tert butyl alcohol	4.81	59	58906	94.454	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	65329	19.972	ug/l	98
13) Acrolein	3.60	56	18905	107.751	ug/l	98
14) Allyl chloride	4.31	41	105148	19.167	ug/l	97
15) Acrylonitrile	4.99	53	183238	102.804	ug/l	99
16) Acetone	3.82	43	190884	87.162	ug/l	98
17) Carbon Disulfide	4.04	76	156004	17.824	ug/l	100
18) Methyl Acetate	4.33	43	82434	20.543	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	204590	20.508	ug/l	98
20) Methylene Chloride	4.54	84	77576	20.061	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	69065	19.850	ug/l	99
22) Diisopropyl ether	5.96	45	217760	20.193	ug/l	99
23) Vinyl Acetate	5.90	43	897995	102.352	ug/l	100
24) 1,1-Dichloroethane	5.85	63	127893	20.229	ug/l	98
25) 2-Butanone	6.85	43	253736	95.589	ug/l	100
26) 2,2-Dichloropropane	6.82	77	82829	18.117	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	80458	19.965	ug/l	99
28) Bromochloromethane	7.19	49	64611	20.407	ug/l	98
29) Tetrahydrofuran	7.22	42	163787	103.877	ug/l	99
30) Chloroform	7.37	83	127420	20.232	ug/l	98
31) Cyclohexane	7.65	56	123081	20.149	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	98569	18.895	ug/l	99
36) 1,1-Dichloropropene	7.79	75	93438	18.907	ug/l	99
37) Ethyl Acetate	6.94	43	95708	20.435	ug/l	99
38) Carbon Tetrachloride	7.77	117	85678	18.062	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	115712	19.195	ug/l	100
40) Benzene	8.04	78	297176	19.823	ug/l	100
41) Methacrylonitrile	7.17	41	38208	17.766	ug/l	86
42) 1,2-Dichloroethane	8.13	62	99051	20.147	ug/l	99
43) Isopropyl Acetate	8.17	43	143321	19.130	ug/l	99
44) Trichloroethene	8.83	130	79346	19.462	ug/l	98
45) 1,2-Dichloropropane	9.12	63	78913	19.917	ug/l	100
46) Dibromomethane	9.21	93	50613	19.223	ug/l	99
47) Bromodichloromethane	9.40	83	89840	17.860	ug/l	99
48) Methyl methacrylate	9.20	41	71259	18.852	ug/l	98
49) 1,4-Dioxane	9.20	88	30045	394.030	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	466760	97.753	ug/l	100
52) Toluene	10.16	92	183671	20.072	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	87217	17.462	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	106113	18.419	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	73607	19.573	ug/l	99
56) Ethyl methacrylate	10.43	69	104929	19.402	ug/l	98
57) 1,3-Dichloropropane	10.71	76	124635	19.676	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	163676	91.624	ug/l	98
59) 2-Hexanone	10.75	43	338841	95.683	ug/l	99
60) Dibromochloromethane	10.90	129	68339	17.326	ug/l	99
61) 1,2-Dibromoethane	11.01	107	74875	19.369	ug/l	98
64) Tetrachloroethene	10.63	164	76180	19.278	ug/l	97
65) Chlorobenzene	11.43	112	196548	20.090	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	66429	18.188	ug/l	99
67) Ethyl Benzene	11.51	91	338410	20.096	ug/l	99
68) m/p-Xylenes	11.62	106	253869	40.505	ug/l	100
69) o-Xylene	11.95	106	127382	20.618	ug/l	98
70) Styrene	11.96	104	199437	19.994	ug/l	98
71) Bromoform	12.13	173	46349	16.329	ug/l #	100
73) Isopropylbenzene	12.25	105	329507	22.022	ug/l	100
74) N-amyl acetate	12.07	43	114555	19.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	102726	21.906	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	90269m	23.017	ug/l	
77) Bromobenzene	12.53	156	85229	21.626	ug/l	100
78) n-propylbenzene	12.59	91	339710	20.617	ug/l	100
79) 2-Chlorotoluene	12.67	91	214074	21.544	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	267697	20.904	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	20176	15.983	ug/l #	82
82) 4-Chlorotoluene	12.77	91	198443	20.517	ug/l	99
83) tert-Butylbenzene	12.99	119	236862	22.035	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	252856	21.203	ug/l	99
85) sec-Butylbenzene	13.17	105	300683	20.806	ug/l	100
86) p-Isopropyltoluene	13.29	119	256918	20.769	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	126471	20.242	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	120192	20.020	ug/l	99
89) n-Butylbenzene	13.61	91	174971	18.919	ug/l	99
90) Hexachloroethane	13.87	117	38959	16.903	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	128940	21.075	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13961	17.602	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	42558	17.262	ug/l	99
94) Hexachlorobutadiene	15.01	225	46821	20.928	ug/l	99
95) Naphthalene	15.13	128	118372	17.442	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	50707	17.870	ug/l	98

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

