

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091219\
 Data File : VN057946.D
 Acq On : 11 Sep 2019 23:51
 Operator : JC/SP
 Sample : VN0912WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:07:07 AM

Quant Time: Sep 12 03:52:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	302083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	505374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	471100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	268776	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	321620	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
35) Dibromofluoromethane	7.58	113	225194	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	10.09	98	931957	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.41	95	321857	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	89335	21.384	ug/l	98
3) Chloromethane	2.03	50	81160	19.061	ug/l	98
4) Vinyl Chloride	2.16	62	85548	18.983	ug/l	96
5) Bromomethane	2.54	94	43069	16.368	ug/l	98
6) Chloroethane	2.68	64	54405	18.946	ug/l	99
7) Trichlorofluoromethane	2.99	101	103100	18.180	ug/l	98
8) Diethyl Ether	3.39	74	45875	19.395	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	71842	20.081	ug/l	99
10) Methyl Iodide	3.93	142	65971	16.571	ug/l	98
11) Tert butyl alcohol	4.77	59	73035	98.626	ug/l	99
12) 1,1-Dichloroethene	3.72	96	63276	19.671	ug/l	99
13) Acrolein	3.59	56	41174	65.537	ug/l	99
14) Allyl chloride	4.30	41	113628	18.051	ug/l	99
15) Acrylonitrile	4.96	53	206871	101.636	ug/l	99
16) Acetone	3.80	43	174437	86.969	ug/l	99
17) Carbon Disulfide	4.03	76	87204	17.522	ug/l	97
18) Methyl Acetate	4.31	43	114983	21.501	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	271074	20.250	ug/l	100
20) Methylene Chloride	4.53	84	84994	21.559	ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	66576	19.146	ug/l	95
22) Diisopropyl ether	5.93	45	302416	20.486	ug/l	98
23) Vinyl Acetate	5.88	43	1053547	100.701	ug/l	100
24) 1,1-Dichloroethane	5.83	63	162682	20.164	ug/l	98
25) 2-Butanone	6.82	43	281813	97.076	ug/l	99
26) 2,2-Dichloropropane	6.81	77	93396	14.628	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	91654	19.669	ug/l	99
28) Bromochloromethane	7.18	49	84350	20.927	ug/l	97
29) Tetrahydrofuran	7.20	42	180622	100.971	ug/l	98
30) Chloroform	7.36	83	170565	20.219	ug/l	99
31) Cyclohexane	7.64	56	116859	19.909	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	129364	19.336	ug/l	98
36) 1,1-Dichloropropene	7.78	75	104772	17.876	ug/l	98
37) Ethyl Acetate	6.91	43	108267	17.879	ug/l	96
38) Carbon Tetrachloride	7.76	117	99833	18.657	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	109829	17.826	ug/l	96
40) Benzene	8.03	78	345614	19.587	ug/l	99
41) Methacrylonitrile	7.16	41	53746	19.553	ug/l	96
42) 1,2-Dichloroethane	8.11	62	139874	19.820	ug/l	100
43) Isopropyl Acetate	8.15	43	190963	18.752	ug/l #	90
44) Trichloroethene	8.83	130	80507	18.602	ug/l	98
45) 1,2-Dichloropropane	9.11	63	101744	19.816	ug/l	97
46) Dibromomethane	9.20	93	60602	19.532	ug/l	100
47) Bromodichloromethane	9.40	83	117371	18.944	ug/l	99
48) Methyl methacrylate	9.19	41	98003	18.972	ug/l	100
49) 1,4-Dioxane	9.19	88	32599	373.173	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	618847	102.692	ug/l	100
52) Toluene	10.15	92	213315	19.194	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	112754	17.281	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	130555	18.124	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	91674	19.473	ug/l	97
56) Ethyl methacrylate	10.43	69	134767	19.010	ug/l	100
57) 1,3-Dichloropropane	10.71	76	161692	19.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	336079	100.653	ug/l	100
59) 2-Hexanone	10.75	43	440869	97.605	ug/l	100
60) Dibromochloromethane	10.90	129	77954	17.832	ug/l	99
61) 1,2-Dibromoethane	11.00	107	86474	19.430	ug/l	100
64) Tetrachloroethene	10.63	164	67841	19.504	ug/l	98
65) Chlorobenzene	11.44	112	240401	19.499	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	83698	19.564	ug/l	99
67) Ethyl Benzene	11.51	91	429977	19.900	ug/l	98
68) m/p-Xylenes	11.62	106	311615	39.372	ug/l	98
69) o-Xylene	11.95	106	153195	19.470	ug/l	95
70) Styrene	11.97	104	266631	19.690	ug/l	98
71) Bromoform	12.13	173	46575	17.462	ug/l #	96
73) Isopropylbenzene	12.25	105	426945	20.471	ug/l	100
74) N-amyl acetate	12.07	43	176077	19.399	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	138748	19.758	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	116570m	19.172	ug/l	
77) Bromobenzene	12.53	156	103600	19.924	ug/l	93
78) n-propylbenzene	12.60	91	501766	20.951	ug/l	100
79) 2-Chlorotoluene	12.68	91	300672	19.864	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	362877	20.592	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	26256	15.196	ug/l	87
82) 4-Chlorotoluene	12.78	91	311120	20.015	ug/l	99
83) tert-Butylbenzene	13.00	119	314140	20.054	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	365029	20.381	ug/l	100
85) sec-Butylbenzene	13.18	105	427967	20.613	ug/l	99
86) p-Isopropyltoluene	13.29	119	367109	20.068	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	187775	19.674	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	184680	19.063	ug/l	99
89) n-Butylbenzene	13.62	91	333251	19.290	ug/l	100
90) Hexachloroethane	13.88	117	48678	17.892	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	187322	19.645	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	21331	18.394	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	109744	17.609	ug/l	98
94) Hexachlorobutadiene	15.01	225	48251	18.263	ug/l	99
95) Naphthalene	15.13	128	315143	19.057	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	105792	20.054	ug/l	98

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

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