

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021420\
 Data File : VN060101.D
 Acq On : 14 Feb 2020 11:06
 Operator : JC/MD
 Sample : VN0214WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/18/2020 9:30:14 AM

Quant Time: Feb 15 02:54:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	312549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	288876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137859	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	122689	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
35) Dibromofluoromethane	7.56	113	97562	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	10.08	98	379493	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.40	95	139373	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	41184	21.149	ug/l	97
3) Chloromethane	2.04	50	49876	21.522	ug/l	99
4) Vinyl Chloride	2.17	62	54287	20.552	ug/l	99
5) Bromomethane	2.55	94	32289	19.936	ug/l	96
6) Chloroethane	2.69	64	27526	20.603	ug/l	97
7) Trichlorofluoromethane	3.00	101	65773	19.313	ug/l	100
8) Diethyl Ether	3.38	74	23868	21.054	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	37520	19.844	ug/l	99
10) Methyl Iodide	3.93	142	47960	20.424	ug/l	99
11) Tert butyl alcohol	4.73	59	36435	102.707	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	36590	19.865	ug/l	98
13) Acrolein	3.58	56	24131	68.818	ug/l	98
14) Allyl chloride	4.29	41	55131	20.336	ug/l	97
15) Acrylonitrile	4.94	53	92413	106.670	ug/l	99
16) Acetone	3.78	43	97295	94.092	ug/l	100
17) Carbon Disulfide	4.03	76	109769	19.771	ug/l	98
18) Methyl Acetate	4.29	43	43029	22.152	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	124585	20.113	ug/l	98
20) Methylene Chloride	4.52	84	41074	19.910	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	40027	19.935	ug/l	98
22) Diisopropyl ether	5.91	45	125709	21.158	ug/l	98
23) Vinyl Acetate	5.86	43	524084	105.038	ug/l	99
24) 1,1-Dichloroethane	5.82	63	74172	20.607	ug/l	99
25) 2-Butanone	6.80	43	132873	102.171	ug/l	97
26) 2,2-Dichloropropane	6.79	77	67600	19.774	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	46620	19.840	ug/l	99
28) Bromochloromethane	7.17	49	30224	21.360	ug/l	94
29) Tetrahydrofuran	7.18	42	84022	105.313	ug/l	96
30) Chloroform	7.35	83	73989	19.624	ug/l	97
31) Cyclohexane	7.63	56	70383	20.992	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	67330	19.542	ug/l	99
36) 1,1-Dichloropropene	7.77	75	57040	19.703	ug/l	99
37) Ethyl Acetate	6.90	43	53065	20.282	ug/l	99
38) Carbon Tetrachloride	7.75	117	59267	18.851	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	70225	19.542	ug/l	97
40) Benzene	8.02	78	167562	19.512	ug/l	99
41) Methacrylonitrile	7.15	41	23778m	21.671	ug/l	
42) 1,2-Dichloroethane	8.10	62	60418	20.074	ug/l	99
43) Isopropyl Acetate	8.14	43	91201	20.392	ug/l	98
44) Trichloroethene	8.82	130	45517	19.142	ug/l	98
45) 1,2-Dichloropropane	9.10	63	44720	21.034	ug/l	98
46) Dibromomethane	9.19	93	28777	19.154	ug/l	99
47) Bromodichloromethane	9.39	83	59940	19.623	ug/l	100
48) Methyl methacrylate	9.18	41	39980	19.924	ug/l	96
49) 1,4-Dioxane	9.18	88	14417	420.497	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	264592	102.208	ug/l	99
52) Toluene	10.14	92	105993	19.247	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	67363	19.538	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	72871	20.071	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	41335	19.240	ug/l	98
56) Ethyl methacrylate	10.42	69	59095	19.445	ug/l	95
57) 1,3-Dichloropropane	10.70	76	69431	19.586	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	140930	99.538	ug/l	97
59) 2-Hexanone	10.74	43	199575	99.800	ug/l	98
60) Dibromochloromethane	10.89	129	45256	18.357	ug/l	99
61) 1,2-Dibromoethane	10.99	107	43822	19.458	ug/l	100
64) Tetrachloroethene	10.62	164	40997	18.669	ug/l	98
65) Chlorobenzene	11.43	112	113416	19.271	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	41943	18.839	ug/l	97
67) Ethyl Benzene	11.50	91	206139	19.420	ug/l	98
68) m/p-Xylenes	11.62	106	153707	38.582	ug/l	100
69) o-Xylene	11.94	106	73190	19.081	ug/l	99
70) Styrene	11.96	104	116778	18.879	ug/l	99
71) Bromoform	12.12	173	32978	18.416	ug/l #	98
73) Isopropylbenzene	12.25	105	202195	19.641	ug/l	99
74) N-amyl acetate	12.06	43	77222	20.802	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	60729	20.495	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	53918m	20.443	ug/l	
77) Bromobenzene	12.52	156	49042	19.196	ug/l	96
78) n-propylbenzene	12.59	91	231064	19.700	ug/l	100
79) 2-Chlorotoluene	12.67	91	136543	19.806	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	168288	19.661	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	20708	19.224	ug/l	97
82) 4-Chlorotoluene	12.77	91	136443	19.291	ug/l	99
83) tert-Butylbenzene	12.99	119	143170	18.908	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	169317	20.039	ug/l	100
85) sec-Butylbenzene	13.17	105	194633	19.409	ug/l	99
86) p-Isopropyltoluene	13.28	119	175302	19.295	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	87128	19.266	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	86102	19.043	ug/l	98
89) n-Butylbenzene	13.61	91	156605	19.597	ug/l	99
90) Hexachloroethane	13.87	117	32597	19.205	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	84752	19.150	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12274	19.003	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49311	18.963	ug/l	99
94) Hexachlorobutadiene	15.01	225	28142	18.486	ug/l	98
95) Naphthalene	15.13	128	133261	18.971	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	49270	19.026	ug/l	97

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

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