

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022020\
 Data File : VN060170.D
 Acq On : 20 Feb 2020 14:15
 Operator : JC/MD
 Sample : VN0220WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 9:14:58 AM

Quant Time: Feb 21 03:12:12 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	221072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	351321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	325764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156373	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	136877	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.56	113	108268	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.08	98	418356	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.40	95	151074	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42032	19.021	ug/l	100
3) Chloromethane	2.04	50	50890	19.352	ug/l	97
4) Vinyl Chloride	2.17	62	56074	18.708	ug/l	100
5) Bromomethane	2.55	94	37275	20.281	ug/l	98
6) Chloroethane	2.69	64	30723	20.265	ug/l	99
7) Trichlorofluoromethane	3.00	101	75357	19.500	ug/l	97
8) Diethyl Ether	3.39	74	26834	20.859	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	41914	19.535	ug/l	99
10) Methyl Iodide	3.93	142	54970	20.604	ug/l	99
11) Tert butyl alcohol	4.73	59	40717	101.146	ug/l	100
12) 1,1-Dichloroethene	3.72	96	41978	20.084	ug/l	97
13) Acrolein	3.58	56	35116	88.253	ug/l	96
14) Allyl chloride	4.29	41	62275	20.243	ug/l	92
15) Acrylonitrile	4.94	53	100988	102.725	ug/l	99
16) Acetone	3.78	43	99113	84.467	ug/l	97
17) Carbon Disulfide	4.03	76	114917	18.241	ug/l	98
18) Methyl Acetate	4.29	43	48831	22.153	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	140312	19.962	ug/l	99
20) Methylene Chloride	4.52	84	45396	19.392	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	44731	19.632	ug/l	93
22) Diisopropyl ether	5.92	45	135401	20.083	ug/l	96
23) Vinyl Acetate	5.86	43	566177	99.998	ug/l	100
24) 1,1-Dichloroethane	5.82	63	80845	19.794	ug/l	98
25) 2-Butanone	6.80	43	137111	92.909	ug/l	98
26) 2,2-Dichloropropane	6.80	77	74053	19.089	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	50212	18.831	ug/l	98
28) Bromochloromethane	7.17	49	33069	20.595	ug/l	98
29) Tetrahydrofuran	7.18	42	90251	99.687	ug/l	98
30) Chloroform	7.35	83	81768	19.112	ug/l	99
31) Cyclohexane	7.63	56	73434	19.301	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	75277	19.254	ug/l	98
36) 1,1-Dichloropropene	7.77	75	60904	18.716	ug/l	99
37) Ethyl Acetate	6.90	43	59574	20.257	ug/l	99
38) Carbon Tetrachloride	7.75	117	65071	18.412	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	74016	18.324	ug/l	99
40) Benzene	8.02	78	180826	18.733	ug/l	98
41) Methacrylonitrile	7.15	41	24975m	20.250	ug/l	
42) 1,2-Dichloroethane	8.10	62	65067	19.233	ug/l	99
43) Isopropyl Acetate	8.14	43	99833	19.858	ug/l	99
44) Trichloroethene	8.82	130	49216	18.414	ug/l	92
45) 1,2-Dichloropropane	9.10	63	46991	19.663	ug/l	96
46) Dibromomethane	9.19	93	31422	18.606	ug/l	98
47) Bromodichloromethane	9.39	83	63884	18.606	ug/l	99
48) Methyl methacrylate	9.18	41	41562	18.426	ug/l	99
49) 1,4-Dioxane	9.18	88	15871	411.819	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	285050	97.959	ug/l	100
52) Toluene	10.14	92	116943	18.892	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	71881	18.547	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	77739	19.049	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	45243	18.735	ug/l	99
56) Ethyl methacrylate	10.42	69	64728	18.948	ug/l	97
57) 1,3-Dichloropropane	10.70	76	76764	19.265	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	157226	98.792	ug/l	100
59) 2-Hexanone	10.74	43	206567	91.897	ug/l	100
60) Dibromochloromethane	10.89	129	50544	18.239	ug/l	99
61) 1,2-Dibromoethane	10.99	107	47041	18.582	ug/l	100
64) Tetrachloroethene	10.62	164	46248	18.675	ug/l	99
65) Chlorobenzene	11.43	112	122678	18.484	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	47193	18.796	ug/l	99
67) Ethyl Benzene	11.50	91	226684	18.937	ug/l	99
68) m/p-Xylenes	11.62	106	172028	38.291	ug/l	99
69) o-Xylene	11.94	106	81897	18.933	ug/l	98
70) Styrene	11.96	104	128507	18.423	ug/l	99
71) Bromoform	12.12	173	36112	17.882	ug/l #	98
73) Isopropylbenzene	12.24	105	220731	18.903	ug/l	99
74) N-amyl acetate	12.06	43	79253	18.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	63742	18.965	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	57743m	19.301	ug/l	
77) Bromobenzene	12.52	156	60865	21.003	ug/l	89
78) n-propylbenzene	12.59	91	245127	18.425	ug/l	98
79) 2-Chlorotoluene	12.67	91	147151	18.818	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	185889	19.146	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	23119	18.921	ug/l	99
82) 4-Chlorotoluene	12.77	91	149687	18.658	ug/l	99
83) tert-Butylbenzene	12.99	119	157749	18.367	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	190406	19.867	ug/l	100
85) sec-Butylbenzene	13.17	105	208021	18.288	ug/l	100
86) p-Isopropyltoluene	13.28	119	189582	18.396	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	94749	18.471	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	94594	18.444	ug/l	99
89) n-Butylbenzene	13.61	91	167310	18.458	ug/l	99
90) Hexachloroethane	13.87	117	33756	17.533	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	92717	18.469	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	13042	17.752	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	56279	19.080	ug/l	99
94) Hexachlorobutadiene	15.01	225	30477	17.649	ug/l	99
95) Naphthalene	15.13	128	168248	21.116	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	56148	19.115	ug/l	98

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

