

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021220\
 Data File : VN060075.D
 Acq On : 12 Feb 2020 15:42
 Operator : JC/MD
 Sample : VN0212WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/13/2020 10:37:30 AM

Quant Time: Feb 13 01:02:51 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	218867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	344668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	322709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156120	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	141320	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
35) Dibromofluoromethane	7.56	113	111556	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	10.08	98	440899	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.40	95	160116	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46740	21.365	ug/l	99
3) Chloromethane	2.04	50	54215	20.824	ug/l	98
4) Vinyl Chloride	2.17	62	60309	20.323	ug/l	98
5) Bromomethane	2.55	94	37319	20.510	ug/l	98
6) Chloroethane	2.69	64	30456	20.291	ug/l	97
7) Trichlorofluoromethane	3.00	101	77385	20.226	ug/l	97
8) Diethyl Ether	3.38	74	26505	20.811	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	43787	20.614	ug/l	100
10) Methyl Iodide	3.93	142	52273	19.889	ug/l	99
11) Tert butyl alcohol	4.72	59	40431	101.448	ug/l	99
12) 1,1-Dichloroethene	3.72	96	43222	20.887	ug/l	95
13) Acrolein	3.58	56	36406	92.417	ug/l	98
14) Allyl chloride	4.29	41	58593	19.238	ug/l	99
15) Acrylonitrile	4.94	53	99888	102.629	ug/l	100
16) Acetone	3.78	43	104829	90.238	ug/l	99
17) Carbon Disulfide	4.03	76	126843	20.336	ug/l	99
18) Methyl Acetate	4.29	43	44802	20.530	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	142080	20.417	ug/l	98
20) Methylene Chloride	4.52	84	46947	20.256	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	46592	20.655	ug/l	96
22) Diisopropyl ether	5.91	45	134680	20.177	ug/l	99
23) Vinyl Acetate	5.86	43	574002	102.401	ug/l	99
24) 1,1-Dichloroethane	5.82	63	83714	20.703	ug/l	99
25) 2-Butanone	6.80	43	143824	98.440	ug/l	97
26) 2,2-Dichloropropane	6.79	77	78209	20.363	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	53424	20.237	ug/l	100
28) Bromochloromethane	7.17	49	33076	20.807	ug/l	99
29) Tetrahydrofuran	7.18	42	91423	101.999	ug/l	99
30) Chloroform	7.35	83	86031	20.311	ug/l	99
31) Cyclohexane	7.63	56	77516	20.579	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	79297	20.486	ug/l	99
36) 1,1-Dichloropropene	7.77	75	65150	20.408	ug/l	99
37) Ethyl Acetate	6.90	43	59321	20.560	ug/l	99
38) Carbon Tetrachloride	7.75	117	70586	20.359	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	80970	20.432	ug/l	98
40) Benzene	8.02	78	192230	20.299	ug/l	100
41) Methacrylonitrile	7.15	41	23855m	19.715	ug/l	
42) 1,2-Dichloroethane	8.10	62	69630	20.979	ug/l	99
43) Isopropyl Acetate	8.14	43	101293	20.537	ug/l	99
44) Trichloroethene	8.82	130	52537	20.036	ug/l	95
45) 1,2-Dichloropropane	9.10	63	48712	20.777	ug/l	100
46) Dibromomethane	9.19	93	33900	20.461	ug/l	99
47) Bromodichloromethane	9.38	83	68392	20.304	ug/l	97
48) Methyl methacrylate	9.18	41	43647	19.724	ug/l	97
49) 1,4-Dioxane	9.18	88	16872	446.244	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	289960	101.570	ug/l	100
52) Toluene	10.14	92	125666	20.693	ug/l	96
53) t-1,3-Dichloropropene	10.37	75	77177	20.298	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	82378	20.575	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	48122	20.312	ug/l	98
56) Ethyl methacrylate	10.42	69	69477	20.730	ug/l	99
57) 1,3-Dichloropropane	10.70	76	80193	20.514	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	173339	111.019	ug/l	100
59) 2-Hexanone	10.74	43	220048	99.784	ug/l	99
60) Dibromochloromethane	10.89	129	54595	20.081	ug/l	99
61) 1,2-Dibromoethane	10.99	107	50403	20.295	ug/l	98
64) Tetrachloroethene	10.62	164	49362	20.121	ug/l	99
65) Chlorobenzene	11.43	112	133641	20.327	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	51521	20.715	ug/l	99
67) Ethyl Benzene	11.50	91	240896	20.315	ug/l	98
68) m/p-Xylenes	11.61	106	181853	40.861	ug/l	100
69) o-Xylene	11.94	106	86660	20.224	ug/l	99
70) Styrene	11.96	104	139571	20.198	ug/l	100
71) Bromoform	12.12	173	39326	19.658	ug/l #	98
73) Isopropylbenzene	12.24	105	236220	20.262	ug/l	100
74) N-amyl acetate	12.06	43	86562	20.591	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	67841	20.217	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	60879m	20.382	ug/l	
77) Bromobenzene	12.52	156	58594	20.252	ug/l	99
78) n-propylbenzene	12.59	91	265326	19.976	ug/l	99
79) 2-Chlorotoluene	12.67	91	157024	20.113	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	200043	20.637	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	23727	19.450	ug/l	97
82) 4-Chlorotoluene	12.77	91	159559	19.920	ug/l	100
83) tert-Butylbenzene	12.99	119	171186	19.964	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	197437	20.634	ug/l	100
85) sec-Butylbenzene	13.17	105	226674	19.960	ug/l	99
86) p-Isopropyltoluene	13.28	119	209222	20.334	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	102849	20.082	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	102350	19.989	ug/l	98
89) n-Butylbenzene	13.61	91	178802	19.757	ug/l	99
90) Hexachloroethane	13.87	117	38493	20.026	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	100517	20.055	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14866	20.378	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	59057	20.054	ug/l	99
94) Hexachlorobutadiene	15.00	225	34516	20.021	ug/l	99
95) Naphthalene	15.13	128	159192	20.012	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	57826	19.718	ug/l	98

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

