

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062285.D
 Acq On : 1 Jul 2020 12:19
 Operator : JC/MD
 Sample : VN0701WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 12:38:44 PM

Quant Time: Jul 01 16:39:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	209779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	381922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	355024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	157360	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	167379	56.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.72%	
35) Dibromofluoromethane	7.54	113	126491	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.06	98	502924	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.37	95	167038	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	44384	18.718	ug/l	100
3) Chloromethane	2.03	50	59122	20.387	ug/l	96
4) Vinyl Chloride	2.16	62	67632	18.112	ug/l	97
5) Bromomethane	2.53	94	44755	18.545	ug/l	97
6) Chloroethane	2.67	64	47505	18.623	ug/l	98
7) Trichlorofluoromethane	2.98	101	85442	18.569	ug/l	100
8) Diethyl Ether	3.37	74	33744	21.002	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48661	20.195	ug/l	98
10) Methyl Iodide	3.91	142	51783	19.083	ug/l	100
11) Tert butyl alcohol	4.73	59	43620	103.199	ug/l	99
12) 1,1-Dichloroethene	3.69	96	46240	19.197	ug/l	93
13) Acrolein	3.57	56	40070	96.828	ug/l	96
14) Allyl chloride	4.27	41	70943	21.632	ug/l	98
15) Acrylonitrile	4.93	53	126366	109.710	ug/l	99
16) Acetone	3.77	43	111942	119.021	ug/l	99
17) Carbon Disulfide	4.00	76	133178	19.334	ug/l	98
18) Methyl Acetate	4.27	43	55147	23.565	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	163660	21.263	ug/l	100
20) Methylene Chloride	4.50	84	60736	22.354	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	52248	19.040	ug/l	96
22) Diisopropyl ether	5.90	45	165499	22.164	ug/l	96
23) Vinyl Acetate	5.84	43	661122	108.443	ug/l	98
24) 1,1-Dichloroethane	5.79	63	103634	21.553	ug/l	99
25) 2-Butanone	6.78	43	158271	109.991	ug/l	94
26) 2,2-Dichloropropane	6.77	77	83616	20.868	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	61359	19.871	ug/l	97
28) Bromochloromethane	7.14	49	42820	20.525	ug/l	91
29) Tetrahydrofuran	7.16	42	102914	109.184	ug/l	96
30) Chloroform	7.33	83	101597	20.767	ug/l	99
31) Cyclohexane	7.61	56	84188	20.699	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	82204	19.925	ug/l	97
36) 1,1-Dichloropropene	7.75	75	75123	19.569	ug/l	97
37) Ethyl Acetate	6.88	43	64758	20.372	ug/l	98
38) Carbon Tetrachloride	7.73	117	69093	19.091	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	83087	19.753	ug/l	97
40) Benzene	8.00	78	232724	19.890	ug/l	99
41) Methacrylonitrile	7.12	41	24567	16.670	ug/l	90
42) 1,2-Dichloroethane	8.08	62	81723	20.672	ug/l	98
43) Isopropyl Acetate	8.12	43	108418	20.922	ug/l #	89
44) Trichloroethene	8.80	130	54301	18.397	ug/l	99
45) 1,2-Dichloropropane	9.08	63	59844	20.731	ug/l	100
46) Dibromomethane	9.17	93	39595	20.231	ug/l	95
47) Bromodichloromethane	9.37	83	80810	20.449	ug/l	98
48) Methyl methacrylate	9.17	41	50458	21.717	ug/l	92
49) 1,4-Dioxane	9.17	88	20019	388.527	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	324886	107.308	ug/l	99
52) Toluene	10.12	92	144225	20.202	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	86622	19.924	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	95748	20.686	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	57056	20.331	ug/l	97
56) Ethyl methacrylate	10.40	69	76346	20.385	ug/l	97
57) 1,3-Dichloropropane	10.68	76	99942	20.690	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	135860	95.817	ug/l	99
59) 2-Hexanone	10.72	43	232267	106.241	ug/l	98
60) Dibromochloromethane	10.87	129	57922	19.495	ug/l	98
61) 1,2-Dibromoethane	10.98	107	56933	19.744	ug/l	98
64) Tetrachloroethene	10.60	164	43243	17.831	ug/l	98
65) Chlorobenzene	11.40	112	151528	19.436	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	53525	19.854	ug/l	98
67) Ethyl Benzene	11.48	91	261687	19.874	ug/l	99
68) m/p-Xylenes	11.59	106	198021	38.882	ug/l	97
69) o-Xylene	11.92	106	93440	19.446	ug/l	98
70) Styrene	11.94	104	156839	19.571	ug/l	98
71) Bromoform	12.10	173	34819	18.165	ug/l #	97
73) Isopropylbenzene	12.22	105	247518	20.320	ug/l	99
74) N-amyl acetate	12.05	43	88325	21.724	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	83740	20.659	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	74164m	20.021	ug/l	
77) Bromobenzene	12.50	156	59130	19.553	ug/l	93
78) n-propylbenzene	12.56	91	291451	20.918	ug/l	99
79) 2-Chlorotoluene	12.65	91	171266	20.333	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	206753	20.938	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	26210	20.663	ug/l	93
82) 4-Chlorotoluene	12.75	91	181041	20.784	ug/l	97
83) tert-Butylbenzene	12.97	119	168444	19.933	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	208722	21.164	ug/l	99
85) sec-Butylbenzene	13.15	105	238825	21.388	ug/l	99
86) p-Isopropyltoluene	13.26	119	207136	21.173	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	103158	19.426	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	103700	18.944	ug/l	98
89) n-Butylbenzene	13.59	91	172706	21.234	ug/l	99
90) Hexachloroethane	13.85	117	39048	20.343	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	102352	19.876	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13990	21.545	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	42394	18.845	ug/l	97
94) Hexachlorobutadiene	14.98	225	20827	21.316	ug/l	100
95) Naphthalene	15.10	128	111866	17.718	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	43493	18.908	ug/l	99

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

