

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062060.D
 Acq On : 24 Jun 2020 11:18
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:13 PM

Quant Time: Jun 24 15:34:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 11:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	277600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	477553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	455715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	225627	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	394792	106.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.38%	
35) Dibromofluoromethane	7.55	113	316788	104.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.06%	
50) Toluene-d8	10.06	98	1307240	109.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.16%	
62) 4-Bromofluorobenzene	12.38	95	454047	110.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	221.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	285887	92.005	ug/l	100
3) Chloromethane	2.03	50	363014	95.379	ug/l	99
4) Vinyl Chloride	2.16	62	450811	99.243	ug/l	99
5) Bromomethane	2.51	94	295500	86.077	ug/l	96
6) Chloroethane	2.65	64	307671	99.142	ug/l	99
7) Trichlorofluoromethane	2.97	101	560277	103.996	ug/l	99
8) Diethyl Ether	3.37	74	201569	108.767	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	286810	101.327	ug/l	99
10) Methyl Iodide	3.91	142	370866	120.077	ug/l	100
11) Tert butyl alcohol	4.74	59	270602	519.108	ug/l	100
12) 1,1-Dichloroethene	3.69	96	298877	105.558	ug/l	99
13) Acrolein	3.56	56	273529	766.710	ug/l	98
14) Allyl chloride	4.27	41	426853	112.258	ug/l	100
15) Acrylonitrile	4.93	53	743177	570.960	ug/l	100
16) Acetone	3.77	43	580679	510.719	ug/l	99
17) Carbon Disulfide	4.00	76	893843	107.297	ug/l	100
18) Methyl Acetate	4.27	43	278789	89.744	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1002103	106.271	ug/l	100
20) Methylene Chloride	4.50	84	349037	96.712	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	333936	102.755	ug/l	95
22) Diisopropyl ether	5.90	45	968921	111.528	ug/l	99
23) Vinyl Acetate	5.84	43	4140379	599.385	ug/l	99
24) 1,1-Dichloroethane	5.80	63	590447	104.376	ug/l	100
25) 2-Butanone	6.78	43	930046	566.519	ug/l	100
26) 2,2-Dichloropropane	6.78	77	500950	104.705	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	385050	102.849	ug/l	99
28) Bromochloromethane	7.15	49	271998	107.588	ug/l	99
29) Tetrahydrofuran	7.17	42	618957	571.952	ug/l	99
30) Chloroform	7.33	83	598332	99.566	ug/l	100
31) Cyclohexane	7.61	56	511912	103.214	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	517860	101.335	ug/l	100
36) 1,1-Dichloropropene	7.75	75	470563	107.791	ug/l	99
37) Ethyl Acetate	6.88	43	398897	115.342	ug/l	99
38) Carbon Tetrachloride	7.73	117	436596	101.553	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	543388	115.540	ug/l	99
40) Benzene	8.00	78	1418433	106.741	ug/l	98
41) Methacrylonitrile	7.13	41	179520	119.128	ug/l	95
42) 1,2-Dichloroethane	8.08	62	473787	104.675	ug/l	100
43) Isopropyl Acetate	8.13	43	676656	116.863	ug/l #	90
44) Trichloroethene	8.80	130	351379	101.430	ug/l	100
45) 1,2-Dichloropropane	9.08	63	357055	109.470	ug/l	100
46) Dibromomethane	9.17	93	240120	105.168	ug/l	99
47) Bromodichloromethane	9.37	83	493012	105.134	ug/l	99
48) Methyl methacrylate	9.17	41	311431	117.718	ug/l	99
49) 1,4-Dioxane	9.17	88	134152	2203.784	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	2026540	588.538	ug/l	99
52) Toluene	10.12	92	912547	109.620	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	567951	113.418	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	610277	112.447	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	351871	107.309	ug/l	99
56) Ethyl methacrylate	10.40	69	530821	120.930	ug/l	99
57) 1,3-Dichloropropane	10.68	76	605597	108.958	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	995844	576.143	ug/l	100
59) 2-Hexanone	10.72	43	1516026	612.774	ug/l	99
60) Dibromochloromethane	10.87	129	382512	105.483	ug/l	98
61) 1,2-Dibromoethane	10.98	107	365054	107.030	ug/l	99
64) Tetrachloroethene	10.60	164	287581	99.295	ug/l	97
65) Chlorobenzene	11.41	112	960294	99.860	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	338516	101.315	ug/l	100
67) Ethyl Benzene	11.48	91	1750805	108.355	ug/l	100
68) m/p-Xylenes	11.60	106	1347547	216.239	ug/l	100
69) o-Xylene	11.92	106	646542	109.016	ug/l	99
70) Styrene	11.94	104	1122998	113.094	ug/l	99
71) Bromoform	12.10	173	257158	105.835	ug/l #	98
73) Isopropylbenzene	12.22	105	1710023	106.125	ug/l	100
74) N-amyl acetate	12.05	43	644398	123.384	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	523729	99.218	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	490325m	109.146	ug/l	
77) Bromobenzene	12.50	156	396562	97.830	ug/l	97
78) n-propylbenzene	12.57	91	1995945	108.095	ug/l	100
79) 2-Chlorotoluene	12.65	91	1155363	104.273	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1434795	107.826	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	190577	115.000	ug/l	99
82) 4-Chlorotoluene	12.75	91	1231680	107.695	ug/l	98
83) tert-Butylbenzene	12.97	119	1197764	106.167	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	1444751	110.135	ug/l	99
85) sec-Butylbenzene	13.15	105	1611379	108.820	ug/l	100
86) p-Isopropyltoluene	13.26	119	1480578	112.634	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	738697	100.437	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	734997	97.660	ug/l	99
89) n-Butylbenzene	13.59	91	1269190	115.135	ug/l	100
90) Hexachloroethane	13.85	117	269144	111.037	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	701205	99.213	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	94237	110.031	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	358077	108.164	ug/l	98
94) Hexachlorobutadiene	14.98	225	132924	101.247	ug/l	98
95) Naphthalene	15.10	128	1095317	114.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	354897	107.686	ug/l	99

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

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