

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060566.D
 Acq On : 17 Mar 2020 19:35
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 3/18/2020 7:00:41 PM

Quant Time: Mar 18 08:42:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:02:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	219039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	369396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	342347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	166060	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	302240	104.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.84%	
35) Dibromofluoromethane	7.56	113	227261	124.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	248.24%	
50) Toluene-d8	10.08	98	927955	104.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.42%	
62) 4-Bromofluorobenzene	12.40	95	343912	103.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	222080	108.353	ug/l	99
3) Chloromethane	2.03	50	390174	108.244	ug/l	100
4) Vinyl Chloride	2.16	62	315004	103.575	ug/l	99
5) Bromomethane	2.53	94	134001	99.642	ug/l	99
6) Chloroethane	2.67	64	181456	108.195	ug/l	99
7) Trichlorofluoromethane	3.00	101	384327	99.543	ug/l	99
8) Diethyl Ether	3.38	74	155962	105.870	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	223311	101.906	ug/l	100
10) Methyl Iodide	3.93	142	214853	108.783	ug/l	99
11) Tert butyl alcohol	4.73	59	222884	529.919	ug/l	100
12) 1,1-Dichloroethene	3.72	96	234567	100.080	ug/l	99
13) Acrolein	3.57	56	249799	617.593	ug/l	99
14) Allyl chloride	4.29	41	412693	105.415	ug/l	99
15) Acrylonitrile	4.94	53	684980	604.767	ug/l	99
16) Acetone	3.78	43	537498	573.913	ug/l	100
17) Carbon Disulfide	4.03	76	733029	107.973	ug/l	100
18) Methyl Acetate	4.28	43	308249	100.451	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	807416	104.223	ug/l	98
20) Methylene Chloride	4.52	84	262685	103.416	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	252454	95.188	ug/l	95
22) Diisopropyl ether	5.92	45	904720	112.085	ug/l	95
23) Vinyl Acetate	5.86	43	3776456	588.058	ug/l	99
24) 1,1-Dichloroethane	5.82	63	487380	107.501	ug/l	99
25) 2-Butanone	6.80	43	907979	600.398	ug/l	99
26) 2,2-Dichloropropane	6.80	77	371914	92.470	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	288456	98.570	ug/l	99
28) Bromochloromethane	7.17	49	238628	123.156	ug/l	100
29) Tetrahydrofuran	7.18	42	621341	589.011	ug/l	99
30) Chloroform	7.35	83	462405	103.184	ug/l	99
31) Cyclohexane	7.63	56	466978	108.730	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	405412	102.261	ug/l	99
36) 1,1-Dichloropropene	7.77	75	368356	102.808	ug/l	100
37) Ethyl Acetate	6.90	43	392452	114.966	ug/l	99
38) Carbon Tetrachloride	7.75	117	339405	99.139	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	435519	103.182	ug/l	99
40) Benzene	8.02	78	1096423	105.317	ug/l	100
41) Methacrylonitrile	7.14	41	173514	111.717	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	375082	100.976	ug/l	99
43) Isopropyl Acetate	8.14	43	659091	110.906	ug/l	100
44) Trichloroethene	8.82	130	277531	96.823	ug/l	98
45) 1,2-Dichloropropane	9.10	63	293796	108.095	ug/l	100
46) Dibromomethane	9.19	93	178426	101.976	ug/l	99
47) Bromodichloromethane	9.39	83	374112	105.188	ug/l	99
48) Methyl methacrylate	9.18	41	303123	112.000	ug/l	100
49) 1,4-Dioxane	9.18	88	73133	1949.027	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1915148	567.244	ug/l	99
52) Toluene	10.14	92	670338	103.090	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	433697	99.669	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	464104	102.636	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	255740	98.310	ug/l	99
56) Ethyl methacrylate	10.42	69	436451	115.701	ug/l	100
57) 1,3-Dichloropropane	10.70	76	450272	105.559	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	1071550	545.486	ug/l	100
59) 2-Hexanone	10.74	43	1414489	571.208	ug/l	99
60) Dibromochloromethane	10.89	129	279255	105.597	ug/l	100
61) 1,2-Dibromoethane	10.99	107	268663	105.638	ug/l	99
64) Tetrachloroethene	10.62	164	262256	86.605	ug/l	99
65) Chlorobenzene	11.43	112	688741	99.230	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	252118	98.872	ug/l	98
67) Ethyl Benzene	11.50	91	1297995	102.218	ug/l	99
68) m/p-Xylenes	11.62	106	961849	200.867	ug/l	99
69) o-Xylene	11.94	106	464023	101.692	ug/l	99
70) Styrene	11.96	104	796195	106.228	ug/l	99
71) Bromoform	12.12	173	208092	112.520	ug/l #	99
73) Isopropylbenzene	12.25	105	1227903	98.867	ug/l	100
74) N-amyl acetate	12.06	43	598225	108.997	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	373481	109.000	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	345512m	95.185	ug/l	
77) Bromobenzene	12.52	156	294149	96.951	ug/l	100
78) n-propylbenzene	12.59	91	1460159	100.066	ug/l	99
79) 2-Chlorotoluene	12.67	91	856758	99.687	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1043641	99.771	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	146022	109.358	ug/l	98
82) 4-Chlorotoluene	12.77	91	897118	99.240	ug/l	100
83) tert-Butylbenzene	12.99	119	865253	96.200	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1047344	99.365	ug/l	100
85) sec-Butylbenzene	13.17	105	1171647	97.068	ug/l	100
86) p-Isopropyltoluene	13.28	119	1061666	95.237	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	526161	92.701	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	529225	93.449	ug/l	100
89) n-Butylbenzene	13.61	91	972249	95.060	ug/l	100
90) Hexachloroethane	13.87	117	167740	104.111	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	504528	95.064	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	79979	104.447	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	325964	87.249	ug/l	99
94) Hexachlorobutadiene	15.01	225	149082	84.055	ug/l	98
95) Naphthalene	15.13	128	981751	91.051	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	308360	87.707	ug/l	100

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

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