

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060565.D
 Acq On : 17 Mar 2020 19:13
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/18/2020 7:00:39 PM

Quant Time: Mar 18 08:41:02 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	214080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	359213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	331003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156582	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	148012	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
35) Dibromofluoromethane	7.56	113	109490	61.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.98%	
50) Toluene-d8	10.08	98	452244	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.40	95	163543	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	108012	53.920	ug/l	100
3) Chloromethane	2.03	50	192384	54.608	ug/l	100
4) Vinyl Chloride	2.16	62	151965	51.124	ug/l	100
5) Bromomethane	2.54	94	65311	49.689	ug/l	100
6) Chloroethane	2.68	64	90076	54.953	ug/l	100
7) Trichlorofluoromethane	3.00	101	187966	49.812	ug/l	100
8) Diethyl Ether	3.38	74	76032	52.808	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	109408	51.084	ug/l	100
10) Methyl Iodide	3.93	142	92184	47.755	ug/l	100
11) Tert butyl alcohol	4.73	59	106113	258.134	ug/l	100
12) 1,1-Dichloroethene	3.71	96	115444	50.396	ug/l	100
13) Acrolein	3.58	56	119202	301.537	ug/l	100
14) Allyl chloride	4.29	41	197891	51.718	ug/l	100
15) Acrylonitrile	4.94	53	323298	292.051	ug/l	100
16) Acetone	3.78	43	258954	282.903	ug/l	100
17) Carbon Disulfide	4.03	76	351235	52.934	ug/l	100
18) Methyl Acetate	4.29	43	149540	49.861	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	393778	52.007	ug/l	100
20) Methylene Chloride	4.52	84	128628	51.812	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	122975	47.442	ug/l	100
22) Diisopropyl ether	5.91	45	439039	55.652	ug/l	100
23) Vinyl Acetate	5.86	43	1803781	287.386	ug/l	100
24) 1,1-Dichloroethane	5.82	63	236570	53.389	ug/l	100
25) 2-Butanone	6.80	43	426716	288.701	ug/l	100
26) 2,2-Dichloropropane	6.80	77	182435	46.410	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	139555	48.793	ug/l	100
28) Bromochloromethane	7.17	49	114181	60.294	ug/l	100
29) Tetrahydrofuran	7.18	42	297822	288.866	ug/l	100
30) Chloroform	7.35	83	224829	51.332	ug/l	100
31) Cyclohexane	7.63	56	227714	54.249	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	198421	51.209	ug/l	100
36) 1,1-Dichloropropene	7.77	75	178278	51.168	ug/l	100
37) Ethyl Acetate	6.90	43	185300	55.821	ug/l	100
38) Carbon Tetrachloride	7.75	117	161698	48.570	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	211522	51.534	ug/l	100
40) Benzene	8.02	78	528910	52.245	ug/l	100
41) Methacrylonitrile	7.14	41	80813m	53.506	ug/l	
42) 1,2-Dichloroethane	8.10	62	180701	50.026	ug/l	100
43) Isopropyl Acetate	8.14	43	313059	54.172	ug/l	100
44) Trichloroethene	8.82	130	134983	48.427	ug/l	100
45) 1,2-Dichloropropane	9.10	63	140575	53.187	ug/l	100
46) Dibromomethane	9.19	93	86434	50.800	ug/l	100
47) Bromodichloromethane	9.39	83	177498	51.321	ug/l	100
48) Methyl methacrylate	9.18	41	140336	53.322	ug/l	100
49) 1,4-Dioxane	9.18	88	34949	957.810	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	915934	278.979	ug/l	100
52) Toluene	10.14	92	323727	51.197	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	207364	49.006	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	221477	50.368	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	123954	49.001	ug/l	100
56) Ethyl methacrylate	10.42	69	202641	55.242	ug/l	100
57) 1,3-Dichloropropane	10.70	76	216223	52.127	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	503333	263.491	ug/l	100
59) 2-Hexanone	10.74	43	669901	278.192	ug/l	100
60) Dibromochloromethane	10.89	129	131431	51.108	ug/l	100
61) 1,2-Dibromoethane	10.99	107	128047	51.775	ug/l	100
64) Tetrachloroethene	10.62	164	129738	44.312	ug/l	100
65) Chlorobenzene	11.43	112	328855	49.003	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	119429	48.441	ug/l	100
67) Ethyl Benzene	11.50	91	624346	50.853	ug/l	100
68) m/p-Xylenes	11.62	106	462936	99.990	ug/l	100
69) o-Xylene	11.94	106	222119	50.346	ug/l	100
70) Styrene	11.96	104	370682	51.151	ug/l	100
71) Bromoform	12.12	173	94761	52.995	ug/l #	100
73) Isopropylbenzene	12.24	105	589937	50.375	ug/l	100
74) N-amyl acetate	12.06	43	275287	53.194	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	177058	54.802	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	162293m	47.416	ug/l	
77) Bromobenzene	12.52	156	140001	48.937	ug/l	100
78) n-propylbenzene	12.59	91	698170	50.742	ug/l	100
79) 2-Chlorotoluene	12.67	91	410879	50.701	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	500074	50.701	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	66319	52.674	ug/l	100
82) 4-Chlorotoluene	12.77	91	423651	49.702	ug/l	100
83) tert-Butylbenzene	12.99	119	414545	48.880	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	499315	50.239	ug/l	100
85) sec-Butylbenzene	13.17	105	563213	49.485	ug/l	100
86) p-Isopropyltoluene	13.28	119	504317	47.978	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	250067	46.725	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	250995	47.003	ug/l	100
89) n-Butylbenzene	13.61	91	463618	48.073	ug/l	100
90) Hexachloroethane	13.87	117	75754	49.864	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	243007	48.559	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	36616	50.712	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	152227	43.212	ug/l	100
94) Hexachlorobutadiene	15.01	225	71466	42.733	ug/l	100
95) Naphthalene	15.13	128	458068	45.054	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	145609	43.923	ug/l	100

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

