

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040120\
 Data File : VN060804.D
 Acq On : 1 Apr 2020 11:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 02 09:07:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	325893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	298916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145718	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	134507	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	7.56	113	101677	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	10.08	98	404208	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.40	95	152231	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	91289	47.350	ug/l 99
3) Chloromethane	2.04	50	159025	44.164	ug/l 99
4) Vinyl Chloride	2.17	62	125405	44.527	ug/l 98
5) Bromomethane	2.54	94	62731	51.597	ug/l 98
6) Chloroethane	2.68	64	78529	48.404	ug/l 99
7) Trichlorofluoromethane	3.00	101	170648	49.187	ug/l 97
8) Diethyl Ether	3.38	74	71366	51.205	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	103612	51.540	ug/l 99
10) Methyl Iodide	3.92	142	86239	48.210	ug/l 99
11) Tert butyl alcohol	4.72	59	90208	224.244	ug/l 99
12) 1,1-Dichloroethene	3.71	96	103891	48.158	ug/l 97
13) Acrolein	3.57	56	118478	265.740	ug/l 100
14) Allyl chloride	4.29	41	188965	49.803	ug/l 97
15) Acrylonitrile	4.94	53	295469	249.777	ug/l 100
16) Acetone	3.77	43	325387	335.831	ug/l 99
17) Carbon Disulfide	4.03	76	301632	45.974	ug/l 100
18) Methyl Acetate	4.28	43	139042	50.983	ug/l 100
19) Methyl tert-butyl Ether	5.00	73	367047	49.487	ug/l 97
20) Methylene Chloride	4.52	84	117754	49.405	ug/l 99
21) trans-1,2-Dichloroethene	5.00	96	113540	49.382	ug/l 96
22) Diisopropyl ether	5.91	45	422529	52.711	ug/l 99
23) Vinyl Acetate	5.85	43	1720942	263.125	ug/l 99
24) 1,1-Dichloroethane	5.81	63	222743	50.972	ug/l 99
25) 2-Butanone	6.79	43	423829	270.325	ug/l 98
26) 2,2-Dichloropropane	6.79	77	191844	55.798	ug/l 99
27) cis-1,2-Dichloroethene	6.80	96	131188	50.210	ug/l 98
28) Bromochloromethane	7.16	49	105041	50.241	ug/l 99
29) Tetrahydrofuran	7.17	42	263956	237.945	ug/l 99
30) Chloroform	7.34	83	211732	50.541	ug/l 98
31) Cyclohexane	7.63	56	207281	47.050	ug/l 99
32) 1,1,1-Trichloroethane	7.54	97	181817	50.345	ug/l 99
36) 1,1-Dichloropropene	7.77	75	166072	52.627	ug/l 99
37) Ethyl Acetate	6.89	43	167969	49.261	ug/l 99
38) Carbon Tetrachloride	7.75	117	145968	51.610	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	200989	53.596	ug/l	98
40) Benzene	8.02	78	491818	51.628	ug/l	100
41) Methacrylonitrile	7.14	41	80947m	55.627	ug/l	
42) 1,2-Dichloroethane	8.10	62	169677	52.119	ug/l	100
43) Isopropyl Acetate	8.13	43	288068	51.227	ug/l	100
44) Trichloroethene	8.81	130	124640	51.902	ug/l	99
45) 1,2-Dichloropropane	9.10	63	135040	53.723	ug/l	97
46) Dibromomethane	9.19	93	80008	52.649	ug/l	99
47) Bromodichloromethane	9.38	83	168089	53.229	ug/l	99
48) Methyl methacrylate	9.18	41	126866	50.672	ug/l	99
49) 1,4-Dioxane	9.18	88	30486	1024.427	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	821996	256.879	ug/l	99
52) Toluene	10.14	92	299921	52.132	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	197923	54.564	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	216227	54.337	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	116391	52.587	ug/l	98
56) Ethyl methacrylate	10.42	69	183400	53.143	ug/l	99
57) 1,3-Dichloropropane	10.70	76	201324	52.417	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	462314	269.536	ug/l	100
59) 2-Hexanone	10.74	43	619793	268.882	ug/l	99
60) Dibromochloromethane	10.89	129	123436	53.991	ug/l	100
61) 1,2-Dibromoethane	10.99	107	117450	52.772	ug/l	100
64) Tetrachloroethene	10.62	164	117916	50.130	ug/l	99
65) Chlorobenzene	11.42	112	307392	51.874	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	113571	52.935	ug/l	98
67) Ethyl Benzene	11.50	91	580542	52.682	ug/l	99
68) m/p-Xylenes	11.61	106	430413	105.107	ug/l	99
69) o-Xylene	11.94	106	206057	52.711	ug/l	99
70) Styrene	11.96	104	342538	53.577	ug/l	99
71) Bromoform	12.12	173	88242	49.503	ug/l #	100
73) Isopropylbenzene	12.24	105	557453	50.976	ug/l	100
74) N-amyl acetate	12.06	43	252938	50.055	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	165328	49.993	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	137118m	43.609	ug/l	
77) Bromobenzene	12.52	156	131875	50.046	ug/l	99
78) n-propylbenzene	12.59	91	667915	51.698	ug/l	99
79) 2-Chlorotoluene	12.67	91	385714	49.966	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	474747	51.157	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	63130	51.565	ug/l	99
82) 4-Chlorotoluene	12.77	91	406564	51.711	ug/l	99
83) tert-Butylbenzene	12.99	119	394777	51.316	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	472021	51.413	ug/l	100
85) sec-Butylbenzene	13.17	105	551040	53.267	ug/l	100
86) p-Isopropyltoluene	13.28	119	495075	53.220	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	242513	52.181	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	241267	51.671	ug/l	99
89) n-Butylbenzene	13.61	91	472329	56.239	ug/l	100
90) Hexachloroethane	13.87	117	76333	56.452	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	232910	52.411	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	32832	47.386	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	151321	55.449	ug/l	100
94) Hexachlorobutadiene	15.01	225	76113	56.894	ug/l	99
95) Naphthalene	15.13	128	414709	50.524	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	140858	52.403	ug/l	99

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

