

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033120\
 Data File : VN060802.D
 Acq On : 31 Mar 2020 21:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 01 08:49:35 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	189286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	318697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	293290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143384	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	129733	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	7.56	113	97254	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.08	98	390353	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.40	95	145957	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	85559	46.715	ug/l	97
3) Chloromethane	2.04	50	152835	44.680	ug/l	100
4) Vinyl Chloride	2.17	62	120297	44.963	ug/l	100
5) Bromomethane	2.54	94	56769	49.152	ug/l	98
6) Chloroethane	2.68	64	75836	49.205	ug/l	100
7) Trichlorofluoromethane	3.00	101	160493	48.696	ug/l	98
8) Diethyl Ether	3.38	74	67136	50.707	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	95317	49.911	ug/l	100
10) Methyl Iodide	3.93	142	77087	45.363	ug/l	99
11) Tert butyl alcohol	4.72	59	101316	265.120	ug/l	99
12) 1,1-Dichloroethene	3.72	96	97869	47.756	ug/l	98
13) Acrolein	3.57	56	113460	267.886	ug/l	99
14) Allyl chloride	4.29	41	175165	48.597	ug/l	99
15) Acrylonitrile	4.94	53	302295	269.005	ug/l	99
16) Acetone	3.78	43	242585	263.556	ug/l	100
17) Carbon Disulfide	4.03	76	279535	44.849	ug/l	100
18) Methyl Acetate	4.28	43	141680	54.686	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	352342	50.006	ug/l	98
20) Methylene Chloride	4.52	84	111864	49.405	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	104598	47.889	ug/l	97
22) Diisopropyl ether	5.91	45	399352	52.443	ug/l	97
23) Vinyl Acetate	5.86	43	1658588	266.945	ug/l	99
24) 1,1-Dichloroethane	5.82	63	212704	51.238	ug/l	99
25) 2-Butanone	6.80	43	398123	267.302	ug/l	98
26) 2,2-Dichloropropane	6.79	77	154454	47.288	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	123710	49.841	ug/l	100
28) Bromochloromethane	7.17	49	103147	51.933	ug/l	98
29) Tetrahydrofuran	7.17	42	272564	258.644	ug/l	99
30) Chloroform	7.35	83	200480	50.376	ug/l	99
31) Cyclohexane	7.63	56	192868	46.084	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	170350	49.653	ug/l	98
36) 1,1-Dichloropropene	7.77	75	151820	49.197	ug/l	100
37) Ethyl Acetate	6.89	43	169680	50.887	ug/l	99
38) Carbon Tetrachloride	7.75	117	138553	50.095	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	180421	49.197	ug/l	97
40) Benzene	8.02	78	464434	49.854	ug/l	100
41) Methacrylonitrile	7.15	41	80983m	56.908	ug/l	
42) 1,2-Dichloroethane	8.10	62	161272	50.656	ug/l	99
43) Isopropyl Acetate	8.14	43	287444	52.270	ug/l	99
44) Trichloroethene	8.82	130	115457	49.164	ug/l	98
45) 1,2-Dichloropropane	9.10	63	127318	51.794	ug/l	98
46) Dibromomethane	9.19	93	76514	51.487	ug/l	100
47) Bromodichloromethane	9.38	83	158515	51.331	ug/l	100
48) Methyl methacrylate	9.18	41	128614	52.530	ug/l	99
49) 1,4-Dioxane	9.18	88	33941	1166.279	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	846771	270.597	ug/l	99
52) Toluene	10.14	92	279349	49.652	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	182718	51.510	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	195937	50.350	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	111448	51.490	ug/l	99
56) Ethyl methacrylate	10.42	69	180404	53.455	ug/l	99
57) 1,3-Dichloropropane	10.70	76	193932	51.633	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	418977	249.785	ug/l	99
59) 2-Hexanone	10.74	43	610463	270.814	ug/l	100
60) Dibromochloromethane	10.89	129	116721	52.206	ug/l	98
61) 1,2-Dibromoethane	10.99	107	113419	52.112	ug/l	99
64) Tetrachloroethene	10.62	164	105737	45.814	ug/l	99
65) Chlorobenzene	11.43	112	287876	49.513	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	106231	50.463	ug/l	98
67) Ethyl Benzene	11.50	91	542445	50.169	ug/l	99
68) m/p-Xylenes	11.62	106	399706	99.481	ug/l	100
69) o-Xylene	11.94	106	190183	49.584	ug/l	98
70) Styrene	11.96	104	318373	50.752	ug/l	99
71) Bromoform	12.12	173	85372	48.835	ug/l #	100
73) Isopropylbenzene	12.24	105	515632	47.919	ug/l	100
74) N-amyl acetate	12.06	43	247623	49.801	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	164960	50.694	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	144947m	46.849	ug/l	
77) Bromobenzene	12.52	156	123807	47.749	ug/l	100
78) n-propylbenzene	12.59	91	614628	48.347	ug/l	99
79) 2-Chlorotoluene	12.67	91	356013	46.869	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	440254	48.212	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	58441	48.512	ug/l	100
82) 4-Chlorotoluene	12.77	91	374272	48.379	ug/l	99
83) tert-Butylbenzene	12.99	119	367988	48.613	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	440012	48.707	ug/l	100
85) sec-Butylbenzene	13.17	105	502507	49.366	ug/l	100
86) p-Isopropyltoluene	13.28	119	453258	49.518	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	223503	48.874	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	220355	47.960	ug/l	99
89) n-Butylbenzene	13.61	91	417103	50.472	ug/l	100
90) Hexachloroethane	13.87	117	70475	52.968	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	218130	49.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	33179	48.673	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	137357	51.152	ug/l	99
94) Hexachlorobutadiene	15.01	225	66702	50.671	ug/l	99
95) Naphthalene	15.13	128	398479	49.336	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	130313	49.269	ug/l	99

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

