

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033120\
 Data File : VN060777.D
 Acq On : 31 Mar 2020 10:28
 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 01 08:36:50 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	196266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	317529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	293078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144596	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	133801	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
35) Dibromofluoromethane	7.56	113	100587	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
50) Toluene-d8	10.08	98	401261	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.40	95	149914	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	97167	51.166	ug/l	99
3) Chloromethane	2.04	50	168490	47.505	ug/l	100
4) Vinyl Chloride	2.17	62	132269	47.679	ug/l	99
5) Bromomethane	2.54	94	64209	53.617	ug/l	99
6) Chloroethane	2.69	64	83947	52.531	ug/l	99
7) Trichlorofluoromethane	3.00	101	178332	52.184	ug/l	99
8) Diethyl Ether	3.38	74	72977	53.158	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	108690	54.889	ug/l	100
10) Methyl Iodide	3.93	142	88086	49.992	ug/l	99
11) Tert butyl alcohol	4.72	59	94755	239.133	ug/l	99
12) 1,1-Dichloroethene	3.71	96	108968	51.280	ug/l	97
13) Acrolein	3.57	56	130247	296.585	ug/l	100
14) Allyl chloride	4.29	41	197077	52.732	ug/l	99
15) Acrylonitrile	4.94	53	308991	265.185	ug/l	99
16) Acetone	3.77	43	359907	377.114	ug/l	99
17) Carbon Disulfide	4.03	76	318161	49.231	ug/l	100
18) Methyl Acetate	4.28	43	144291	53.714	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	382054	52.294	ug/l	98
20) Methylene Chloride	4.52	84	124206	52.905	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	118207	52.195	ug/l	96
22) Diisopropyl ether	5.91	45	439383	55.648	ug/l	100
23) Vinyl Acetate	5.85	43	1790107	277.866	ug/l	100
24) 1,1-Dichloroethane	5.81	63	233554	54.259	ug/l	99
25) 2-Butanone	6.79	43	462125	299.238	ug/l	99
26) 2,2-Dichloropropane	6.79	77	201278	59.433	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	137372	53.377	ug/l	98
28) Bromochloromethane	7.16	49	106249	51.592	ug/l	98
29) Tetrahydrofuran	7.18	42	274960	251.638	ug/l	98
30) Chloroform	7.34	83	221865	53.767	ug/l	99
31) Cyclohexane	7.63	56	217444	50.109	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	189708	53.329	ug/l	99
36) 1,1-Dichloropropene	7.77	75	171127	55.657	ug/l	99
37) Ethyl Acetate	6.89	43	173382	52.188	ug/l	99
38) Carbon Tetrachloride	7.75	117	152855	55.469	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	211212	57.805	ug/l	98
40) Benzene	8.02	78	518068	55.816	ug/l	99
41) Methacrylonitrile	7.14	41	74175m	52.316	ug/l	
42) 1,2-Dichloroethane	8.10	62	176309	55.582	ug/l	99
43) Isopropyl Acetate	8.14	43	298275	54.439	ug/l	99
44) Trichloroethene	8.81	130	131462	56.185	ug/l	98
45) 1,2-Dichloropropane	9.10	63	139901	57.123	ug/l	99
46) Dibromomethane	9.19	93	82529	55.738	ug/l	99
47) Bromodichloromethane	9.38	83	175552	57.057	ug/l	98
48) Methyl methacrylate	9.18	41	132941	54.497	ug/l	99
49) 1,4-Dioxane	9.17	88	30952	1067.483	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	858950	275.498	ug/l	99
52) Toluene	10.14	92	313078	55.852	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	207583	58.735	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	221850	57.218	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	119497	55.412	ug/l	99
56) Ethyl methacrylate	10.42	69	190406	56.626	ug/l	99
57) 1,3-Dichloropropane	10.70	76	209998	56.116	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	448414	268.318	ug/l	99
59) 2-Hexanone	10.74	43	658371	293.141	ug/l	100
60) Dibromochloromethane	10.89	129	127394	57.190	ug/l	100
61) 1,2-Dibromoethane	10.99	107	122201	56.353	ug/l	100
64) Tetrachloroethene	10.62	164	125422	54.383	ug/l	99
65) Chlorobenzene	11.42	112	321519	55.339	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	118425	56.296	ug/l	99
67) Ethyl Benzene	11.50	91	611559	56.602	ug/l	99
68) m/p-Xylenes	11.61	106	451429	112.435	ug/l	99
69) o-Xylene	11.94	106	214324	55.918	ug/l	100
70) Styrene	11.96	104	356320	56.842	ug/l	99
71) Bromoform	12.12	173	90881	51.914	ug/l #	99
73) Isopropylbenzene	12.24	105	580858	53.529	ug/l	100
74) N-amyl acetate	12.06	43	260859	52.023	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	172172	52.467	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	138721m	44.461	ug/l	
77) Bromobenzene	12.52	156	137326	52.519	ug/l	100
78) n-propylbenzene	12.59	91	700512	54.641	ug/l	99
79) 2-Chlorotoluene	12.67	91	403894	52.727	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	495272	53.783	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	65691	54.074	ug/l	99
82) 4-Chlorotoluene	12.77	91	425673	54.562	ug/l	100
83) tert-Butylbenzene	12.99	119	415889	54.480	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	499560	54.835	ug/l	99
85) sec-Butylbenzene	13.17	105	576500	56.161	ug/l	100
86) p-Isopropyltoluene	13.28	119	520933	56.435	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	250943	54.414	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	251824	54.350	ug/l	99
89) n-Butylbenzene	13.61	91	491507	58.976	ug/l	99
90) Hexachloroethane	13.87	117	80881	60.280	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	243762	55.278	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	33485	48.711	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	157924	58.318	ug/l	99
94) Hexachlorobutadiene	15.01	225	78868	59.410	ug/l	99
95) Naphthalene	15.13	128	427171	52.446	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	146499	54.924	ug/l	99

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

