

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033020\
 Data File : VN060760.D
 Acq On : 30 Mar 2020 10:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 31 08:07:07 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	219207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	355572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	326142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	161158	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	130237	43.28	ug/l	0.00
Spiked Amount			Recovery	=	86.56%	
35) Dibromofluoromethane	7.56	113	98036	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	
50) Toluene-d8	10.08	98	392722	44.72	ug/l	0.00
Spiked Amount			Recovery	=	89.44%	
62) 4-Bromofluorobenzene	12.40	95	146941	45.66	ug/l	0.00
Spiked Amount			Recovery	=	91.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	98334	46.361	ug/l	99
3) Chloromethane	2.04	50	172751	43.609	ug/l	99
4) Vinyl Chloride	2.17	62	134564	43.430	ug/l	97
5) Bromomethane	2.54	94	64399	48.147	ug/l	99
6) Chloroethane	2.69	64	84103	47.121	ug/l	99
7) Trichlorofluoromethane	3.00	101	181926	47.664	ug/l	100
8) Diethyl Ether	3.38	74	74644	48.682	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	110809	50.103	ug/l	99
10) Methyl Iodide	3.93	142	91211	46.348	ug/l	100
11) Tert butyl alcohol	4.72	59	95912	216.721	ug/l #	87
12) 1,1-Dichloroethene	3.72	96	110158	46.415	ug/l	99
13) Acrolein	3.57	56	132788	270.726	ug/l	100
14) Allyl chloride	4.29	41	202375	48.483	ug/l	96
15) Acrylonitrile	4.94	53	306532	235.542	ug/l	99
16) Acetone	3.77	43	369392	346.546	ug/l	99
17) Carbon Disulfide	4.03	76	324453	44.951	ug/l	99
18) Methyl Acetate	4.28	43	144555	48.180	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	386118	47.320	ug/l	97
20) Methylene Chloride	4.52	84	125047	47.689	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	118994	47.043	ug/l	94
22) Diisopropyl ether	5.91	45	445849	50.557	ug/l	96
23) Vinyl Acetate	5.85	43	1807261	251.170	ug/l	100
24) 1,1-Dichloroethane	5.81	63	236617	49.218	ug/l	99
25) 2-Butanone	6.79	43	460648	267.066	ug/l	99
26) 2,2-Dichloropropane	6.79	77	202449	53.522	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	137993	48.007	ug/l	98
28) Bromochloromethane	7.17	49	113513	49.351	ug/l	99
29) Tetrahydrofuran	7.17	42	274582	224.993	ug/l	98
30) Chloroform	7.34	83	223307	48.452	ug/l	99
31) Cyclohexane	7.63	56	222472	45.902	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	191468	48.191	ug/l	99
36) 1,1-Dichloropropene	7.77	75	176797	51.349	ug/l	99
37) Ethyl Acetate	6.89	43	173839	46.727	ug/l	100
38) Carbon Tetrachloride	7.75	117	154175	49.962	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	215390	52.642	ug/l	98
40) Benzene	8.02	78	520709	50.099	ug/l	100
41) Methacrylonitrile	7.14	41	82330m	51.855	ug/l	
42) 1,2-Dichloroethane	8.10	62	178742	50.321	ug/l	100
43) Isopropyl Acetate	8.14	43	299988	48.894	ug/l	100
44) Trichloroethene	8.81	130	132140	50.433	ug/l	99
45) 1,2-Dichloropropane	9.10	63	141564	51.617	ug/l	99
46) Dibromomethane	9.19	93	83422	50.314	ug/l	100
47) Bromodichloromethane	9.38	83	175630	50.975	ug/l	99
48) Methyl methacrylate	9.18	41	133503	48.872	ug/l	99
49) 1,4-Dioxane	9.17	88	31359	965.807	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	856525	245.328	ug/l	99
52) Toluene	10.14	92	318319	50.711	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	209404	52.911	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	224161	51.629	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	121130	50.160	ug/l	100
56) Ethyl methacrylate	10.42	69	191382	50.827	ug/l	99
57) 1,3-Dichloropropane	10.70	76	214307	51.140	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	419503	224.162	ug/l	100
59) 2-Hexanone	10.74	43	660553	262.645	ug/l	100
60) Dibromochloromethane	10.89	129	128953	51.696	ug/l	99
61) 1,2-Dibromoethane	10.99	107	123341	50.793	ug/l	100
64) Tetrachloroethene	10.62	164	126514	49.295	ug/l	99
65) Chlorobenzene	11.42	112	326348	50.476	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	120711	51.566	ug/l	98
67) Ethyl Benzene	11.50	91	615455	51.188	ug/l	99
68) m/p-Xylenes	11.61	106	455383	101.921	ug/l	99
69) o-Xylene	11.94	106	219057	51.359	ug/l	100
70) Styrene	11.96	104	360624	51.697	ug/l	100
71) Bromoform	12.12	173	90750	46.756	ug/l #	99
73) Isopropylbenzene	12.24	105	588411	48.652	ug/l	100
74) N-amyl acetate	12.06	43	263793	47.202	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	171461	46.881	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	167958m	48.299	ug/l	
77) Bromobenzene	12.52	156	139521	47.875	ug/l	99
78) n-propylbenzene	12.59	91	711122	49.768	ug/l	99
79) 2-Chlorotoluene	12.67	91	409946	48.017	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	502197	48.930	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	66560	49.158	ug/l	97
82) 4-Chlorotoluene	12.77	91	432008	49.683	ug/l	99
83) tert-Butylbenzene	12.99	119	420876	49.467	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	505140	49.749	ug/l	100
85) sec-Butylbenzene	13.17	105	583878	51.034	ug/l	100
86) p-Isopropyltoluene	13.28	119	527787	51.301	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	256049	49.815	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	255979	49.569	ug/l	99
89) n-Butylbenzene	13.61	91	501289	53.968	ug/l	100
90) Hexachloroethane	13.87	117	80566	53.874	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	245028	49.855	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	33862	44.172	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	160811	53.281	ug/l	99
94) Hexachlorobutadiene	15.01	225	81582	55.139	ug/l	99
95) Naphthalene	15.13	128	434583	47.872	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	149607	50.325	ug/l	100

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

