

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063180.D
 Acq On : 2 Sep 2020 1:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 02 05:41:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	435457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	822779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	771690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	363644	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	356524	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	7.55	113	263630	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.06	98	1036942	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.38	95	364006	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	190044	44.314	ug/l	96
3) Chloromethane	2.04	50	268965	43.071	ug/l	99
4) Vinyl Chloride	2.17	62	301234	43.669	ug/l	99
5) Bromomethane	2.53	94	258853	44.579	ug/l	96
6) Chloroethane	2.68	64	265382	48.386	ug/l	98
7) Trichlorofluoromethane	2.99	101	426700	44.406	ug/l	99
8) Diethyl Ether	3.38	74	151610	45.936	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	221892	47.325	ug/l	99
10) Methyl Iodide	3.91	142	279612	43.725	ug/l	99
11) Tert butyl alcohol	4.72	59	217254	248.635	ug/l	97
12) 1,1-Dichloroethene	3.70	96	222767	46.627	ug/l	97
13) Acrolein	3.57	56	46347	146.301	ug/l	94
14) Allyl chloride	4.28	41	400096	47.153	ug/l	96
15) Acrylonitrile	4.93	53	606029	247.627	ug/l	99
16) Acetone	3.77	43	528409	261.127	ug/l	97
17) Carbon Disulfide	4.02	76	640170	45.018	ug/l	98
18) Methyl Acetate	4.28	43	280190	54.002	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	847960	47.844	ug/l	97
20) Methylene Chloride	4.51	84	269954	47.418	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	256441	48.583	ug/l	97
22) Diisopropyl ether	5.90	45	920193	48.394	ug/l	97
23) Vinyl Acetate	5.84	43	3872052	255.212	ug/l	98
24) 1,1-Dichloroethane	5.80	63	497208	47.433	ug/l	99
25) 2-Butanone	6.78	43	849196	271.023	ug/l	100
26) 2,2-Dichloropropane	6.78	77	340955	35.900	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	307787	47.973	ug/l	96
28) Bromochloromethane	7.15	49	244082	44.569	ug/l	98
29) Tetrahydrofuran	7.16	42	560942	258.912	ug/l	99
30) Chloroform	7.33	83	531561	48.470	ug/l	100
31) Cyclohexane	7.61	56	428289	46.233	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	466158	49.328	ug/l	100
36) 1,1-Dichloropropene	7.75	75	384715	48.638	ug/l	98
37) Ethyl Acetate	6.88	43	376881	50.456	ug/l #	96
38) Carbon Tetrachloride	7.73	117	388662	48.452	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	412590	46.431	ug/l	98
40) Benzene	8.00	78	1157697	49.807	ug/l	99
41) Methacrylonitrile	7.13	41	178631	53.607	ug/l	97
42) 1,2-Dichloroethane	8.09	62	441893	50.894	ug/l	100
43) Isopropyl Acetate	8.13	43	664755	51.533	ug/l	100
44) Trichloroethene	8.80	130	299729	53.162	ug/l	99
45) 1,2-Dichloropropane	9.08	63	299175	48.613	ug/l	98
46) Dibromomethane	9.17	93	206820	50.711	ug/l	99
47) Bromodichloromethane	9.37	83	432563	49.482	ug/l	99
48) Methyl methacrylate	9.17	41	310088	53.324	ug/l	96
49) 1,4-Dioxane	9.17	88	87499	972.816	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	1954511	278.826	ug/l	100
52) Toluene	10.13	92	734540	50.730	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	451099	47.175	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	482227	48.043	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	284635	51.330	ug/l	97
56) Ethyl methacrylate	10.40	69	440043	52.144	ug/l	99
57) 1,3-Dichloropropane	10.68	76	501422	50.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1032814	236.341	ug/l	99
59) 2-Hexanone	10.72	43	1416101	287.453	ug/l	99
60) Dibromochloromethane	10.87	129	315299	51.430	ug/l	100
61) 1,2-Dibromoethane	10.98	107	301205	52.252	ug/l	100
64) Tetrachloroethene	10.60	164	305209	55.077	ug/l	96
65) Chlorobenzene	11.41	112	763752	49.139	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	285779	49.522	ug/l	100
67) Ethyl Benzene	11.49	91	1439398	50.764	ug/l	99
68) m/p-Xylenes	11.59	106	1066915	101.595	ug/l	99
69) o-Xylene	11.92	106	517616	51.022	ug/l	99
70) Styrene	11.94	104	890555	51.078	ug/l	99
71) Bromoform	12.10	173	201650	51.491	ug/l #	97
73) Isopropylbenzene	12.23	105	1396674	50.076	ug/l	99
74) N-amyl acetate	12.05	43	597114	51.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	384314	47.794	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	344403m	48.203	ug/l	
77) Bromobenzene	12.50	156	310901	49.288	ug/l	96
78) n-propylbenzene	12.57	91	1621225	50.232	ug/l	99
79) 2-Chlorotoluene	12.65	91	950059	49.148	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1170534	50.420	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	125224	42.361	ug/l	97
82) 4-Chlorotoluene	12.75	91	995912	49.675	ug/l	99
83) tert-Butylbenzene	12.97	119	966192	48.528	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1199983	51.280	ug/l	98
85) sec-Butylbenzene	13.15	105	1318999	50.831	ug/l	100
86) p-Isopropyltoluene	13.27	119	1178992	51.177	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	580536	50.099	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	574888	47.913	ug/l	100
89) n-Butylbenzene	13.59	91	1052736	49.464	ug/l	100
90) Hexachloroethane	13.85	117	191331	44.865	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	581479	51.710	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	88030	49.795	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	311720	49.618	ug/l	98
94) Hexachlorobutadiene	14.98	225	111923	47.689	ug/l	98
95) Naphthalene	15.11	128	1036439	49.448	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	292801	47.837	ug/l	99

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

