

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063259.D
 Acq On : 4 Sep 2020 19:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 1:33:11 PM

Quant Time: Sep 07 02:07:37 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	313611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	591787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	565985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	262122	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	258270	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.55	113	190778	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
50) Toluene-d8	10.06	98	726598	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.38	95	258246	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	135857	43.987	ug/l	95
3) Chloromethane	2.04	50	207462	46.130	ug/l	98
4) Vinyl Chloride	2.17	62	228630	46.021	ug/l	100
5) Bromomethane	2.53	94	224257	53.627	ug/l	97
6) Chloroethane	2.67	64	211093	53.442	ug/l	99
7) Trichlorofluoromethane	2.98	101	356724	52.220	ug/l	98
8) Diethyl Ether	3.38	74	116104	48.846	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.72	101	161253	47.754	ug/l	99
10) Methyl Iodide	3.91	142	223710	48.575	ug/l	98
11) Tert butyl alcohol	4.73	59	138740	220.470	ug/l	99
12) 1,1-Dichloroethene	3.70	96	166454	48.377	ug/l	98
13) Acrolein	3.57	56	66035	274.009	ug/l	97
14) Allyl chloride	4.27	41	288774	47.256	ug/l	95
15) Acrylonitrile	4.93	53	451014	255.807	ug/l	98
16) Acetone	3.77	43	374908	257.253	ug/l	99
17) Carbon Disulfide	4.01	76	441930	43.151	ug/l	99
18) Methyl Acetate	4.28	43	215268	57.609	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	632033	49.516	ug/l	99
20) Methylene Chloride	4.51	84	207657	50.681	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	194756	51.232	ug/l	94
22) Diisopropyl ether	5.90	45	698541	51.011	ug/l	93
23) Vinyl Acetate	5.84	43	2874608	263.083	ug/l	100
24) 1,1-Dichloroethane	5.80	63	376802	49.913	ug/l	99
25) 2-Butanone	6.78	43	605468	268.314	ug/l	98
26) 2,2-Dichloropropane	6.78	77	284234	41.556	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	233405	50.514	ug/l	97
28) Bromochloromethane	7.15	49	185700	47.083	ug/l	99
29) Tetrahydrofuran	7.17	42	408585	261.861	ug/l	97
30) Chloroform	7.33	83	410686	51.997	ug/l	100
31) Cyclohexane	7.62	56	285913	42.722	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	351580	51.658	ug/l	99
36) 1,1-Dichloropropene	7.75	75	283255	49.789	ug/l	98
37) Ethyl Acetate	6.88	43	270944	50.433	ug/l #	95
38) Carbon Tetrachloride	7.74	117	285256	49.442	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	263693	41.258	ug/l	98
40) Benzene	8.00	78	874341	52.299	ug/l	99
41) Methacrylonitrile	7.13	41	129756	54.139	ug/l	97
42) 1,2-Dichloroethane	8.09	62	336643	53.906	ug/l	99
43) Isopropyl Acetate	8.13	43	492466	53.078	ug/l	99
44) Trichloroethene	8.80	130	219854	54.216	ug/l	99
45) 1,2-Dichloropropane	9.08	63	227838	51.472	ug/l	99
46) Dibromomethane	9.17	93	162680	55.458	ug/l	98
47) Bromodichloromethane	9.37	83	335766	53.401	ug/l	99
48) Methyl methacrylate	9.17	41	232631	55.619	ug/l	96
49) 1,4-Dioxane	9.17	88	62787	970.544	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1458889	289.358	ug/l	99
52) Toluene	10.13	92	563984	54.154	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	347928	50.588	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	374660	51.896	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	218990	54.907	ug/l	98
56) Ethyl methacrylate	10.40	69	326436	53.781	ug/l	98
57) 1,3-Dichloropropane	10.68	76	385784	54.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	796914	253.540	ug/l	100
59) 2-Hexanone	10.72	43	1059017	298.878	ug/l	99
60) Dibromochloromethane	10.87	129	243778	55.285	ug/l	99
61) 1,2-Dibromoethane	10.98	107	229374	55.323	ug/l	98
64) Tetrachloroethene	10.60	164	211588	52.060	ug/l	98
65) Chlorobenzene	11.41	112	585759	51.384	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	218173	51.548	ug/l	97
67) Ethyl Benzene	11.49	91	1087226	52.280	ug/l	100
68) m/p-Xylenes	11.59	106	792619	102.907	ug/l	99
69) o-Xylene	11.92	106	388287	52.184	ug/l	99
70) Styrene	11.94	104	676398	52.895	ug/l	99
71) Bromoform	12.10	173	153942	53.595	ug/l #	99
73) Isopropylbenzene	12.22	105	998851	49.683	ug/l	99
74) N-amyl acetate	12.04	43	446830	53.657	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	312509	53.916	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	270057m	52.437	ug/l	
77) Bromobenzene	12.50	156	239567	52.689	ug/l	97
78) n-propylbenzene	12.57	91	1155547	49.671	ug/l	100
79) 2-Chlorotoluene	12.65	91	700724	50.289	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	841302	50.274	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	94965	44.567	ug/l	91
82) 4-Chlorotoluene	12.75	91	740323	51.229	ug/l	99
83) tert-Butylbenzene	12.97	119	654762	45.623	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	862659	51.143	ug/l	98
85) sec-Butylbenzene	13.15	105	888995	47.529	ug/l	98
86) p-Isopropyltoluene	13.26	119	785490	47.302	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	437128	52.333	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	442543	51.168	ug/l	99
89) n-Butylbenzene	13.59	91	687579	44.819	ug/l	99
90) Hexachloroethane	13.85	117	133072	43.289	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	444030	54.780	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	62202	48.813	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	218148	48.172	ug/l	98
94) Hexachlorobutadiene	14.98	225	71460	42.241	ug/l	97
95) Naphthalene	15.11	128	770272	50.982	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	213003	48.279	ug/l	99

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

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