

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063763.D
 Acq On : 1 Oct 2020 11:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:11:12 PM

Quant Time: Oct 02 02:24:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	285826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	474448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	442193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	214850	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	220351	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
35) Dibromofluoromethane	7.54	113	155187	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
50) Toluene-d8	10.06	98	576843	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
62) 4-Bromofluorobenzene	12.38	95	225195	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	141167	46.807	ug/l	98
3) Chloromethane	2.04	50	157880	44.614	ug/l	100
4) Vinyl Chloride	2.16	62	155955	43.903	ug/l	100
5) Bromomethane	2.53	94	94837	42.445	ug/l	100
6) Chloroethane	2.67	64	99517	46.884	ug/l	99
7) Trichlorofluoromethane	2.98	101	266017	47.218	ug/l	96
8) Diethyl Ether	3.37	74	91799	48.180	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	143340	47.603	ug/l	99
10) Methyl Iodide	3.91	142	162835	46.574	ug/l	97
11) Tert butyl alcohol	4.73	59	129491	248.386	ug/l	100
12) 1,1-Dichloroethene	3.70	96	135496	47.076	ug/l	98
13) Acrolein	3.57	56	79337	247.957	ug/l	98
14) Allyl chloride	4.28	41	257875	48.227	ug/l	99
15) Acrylonitrile	4.93	53	355128	237.978	ug/l	98
16) Acetone	3.77	43	344417	236.941	ug/l	99
17) Carbon Disulfide	4.01	76	365325	47.004	ug/l	98
18) Methyl Acetate	4.27	43	177223	46.958	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	514512	49.204	ug/l	100
20) Methylene Chloride	4.50	84	160156	48.107	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	148404	46.033	ug/l	94
22) Diisopropyl ether	5.90	45	538158	48.917	ug/l	95
23) Vinyl Acetate	5.84	43	2307434	253.198	ug/l	100
24) 1,1-Dichloroethane	5.79	63	299076	47.545	ug/l	99
25) 2-Butanone	6.78	43	508160	246.579	ug/l	99
26) 2,2-Dichloropropane	6.77	77	269526	46.789	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	177601	47.900	ug/l	99
28) Bromochloromethane	7.15	49	153464	49.361	ug/l	99
29) Tetrahydrofuran	7.16	42	333923	241.589	ug/l	99
30) Chloroform	7.33	83	315350	48.081	ug/l	95
31) Cyclohexane	7.61	56	248069	45.251	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	290752	49.148	ug/l	100
36) 1,1-Dichloropropene	7.75	75	229900	47.830	ug/l	98
37) Ethyl Acetate	6.88	43	211787	44.349	ug/l	99
38) Carbon Tetrachloride	7.73	117	252688	46.882	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	218911	45.670	ug/l	98
40) Benzene	8.00	78	649186	47.286	ug/l	100
41) Methacrylonitrile	7.12	41	88589m	41.740	ug/l	
42) 1,2-Dichloroethane	8.08	62	277633	47.375	ug/l	100
43) Isopropyl Acetate	8.12	43	385808	48.980	ug/l	99
44) Trichloroethene	8.80	130	169069	47.001	ug/l	96
45) 1,2-Dichloropropane	9.08	63	176436	47.586	ug/l	99
46) Dibromomethane	9.17	93	121265	47.410	ug/l	99
47) Bromodichloromethane	9.37	83	256511	48.660	ug/l	100
48) Methyl methacrylate	9.16	41	198554	51.020	ug/l	96
49) 1,4-Dioxane	9.16	88	53289	963.472	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1151841	249.180	ug/l	100
52) Toluene	10.12	92	415040	48.875	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	280155	49.579	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	298459	50.504	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	165963	48.734	ug/l	99
56) Ethyl methacrylate	10.40	69	245605	50.880	ug/l	99
57) 1,3-Dichloropropane	10.68	76	284472	49.374	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	663320	256.891	ug/l	98
59) 2-Hexanone	10.72	43	845009	246.079	ug/l	100
60) Dibromochloromethane	10.87	129	190815	48.113	ug/l	100
61) 1,2-Dibromoethane	10.98	107	172695	49.574	ug/l	100
64) Tetrachloroethene	10.60	164	153133	44.761	ug/l	98
65) Chlorobenzene	11.41	112	439545	48.457	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	169795	48.827	ug/l	98
67) Ethyl Benzene	11.48	91	828113	50.172	ug/l	100
68) m/p-Xylenes	11.60	106	603177	98.053	ug/l	98
69) o-Xylene	11.92	106	289753	50.395	ug/l	99
70) Styrene	11.94	104	502605	51.497	ug/l	100
71) Bromoform	12.10	173	129220	48.586	ug/l #	98
73) Isopropylbenzene	12.22	105	774482	49.421	ug/l	99
74) N-amyl acetate	12.05	43	348857	47.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	235651	49.175	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	216255m	45.661	ug/l	
77) Bromobenzene	12.50	156	189904	49.386	ug/l	99
78) n-propylbenzene	12.57	91	897222	49.195	ug/l	99
79) 2-Chlorotoluene	12.65	91	554497	49.435	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	652834	49.656	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	83535	50.800	ug/l	99
82) 4-Chlorotoluene	12.75	91	582219	50.001	ug/l	99
83) tert-Butylbenzene	12.97	119	518819	48.244	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	655189	49.915	ug/l	97
85) sec-Butylbenzene	13.14	105	686172	48.579	ug/l	99
86) p-Isopropyltoluene	13.26	119	623925	49.931	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	339914	48.862	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	341663	47.170	ug/l	99
89) n-Butylbenzene	13.59	91	544725	47.232	ug/l	100
90) Hexachloroethane	13.85	117	112340	46.395	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	333999	48.474	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54161	48.194	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	167831	44.975	ug/l	96
94) Hexachlorobutadiene	14.98	225	89954	48.152	ug/l	96
95) Naphthalene	15.10	128	521334	45.164	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	154480	42.745	ug/l	99

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

