

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063234.D
 Acq On : 4 Sep 2020 9:20
 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
 9/8/2020 5:34:30 PM

Quant Time: Sep 07 00:25:08 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	7.62	168	352746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	627316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	589113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	285437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	296130	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	7.55	113	222782	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	
50) Toluene-d8	10.06	98	863711	55.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.52%	
62) 4-Bromofluorobenzene	12.38	95	301545	55.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.30%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	150153	43.222	ug/l	100
3) Chloromethane	2.03	50	208769	41.270	ug/l	99
4) Vinyl Chloride	2.17	62	252382	45.166	ug/l	98
5) Bromomethane	2.53	94	228692	48.620	ug/l	95
6) Chloroethane	2.67	64	223313	50.263	ug/l	98
7) Trichlorofluoromethane	2.98	101	408009	53.172	ug/l	95
8) Diethyl Ether	3.37	74	115316	43.132	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	181534	47.796	ug/l	98
10) Methyl Iodide	3.91	142	221401	42.740	ug/l	99
11) Tert butyl alcohol	4.72	59	156580	221.215	ug/l #	90
12) 1,1-Dichloroethene	3.70	96	173415	44.808	ug/l	98
13) Acrolein	3.57	56	50587	191.650	ug/l	97
14) Allyl chloride	4.27	41	312513	45.467	ug/l	96
15) Acrylonitrile	4.93	53	444960	224.669	ug/l	99
16) Acetone	3.77	43	449671	274.321	ug/l	99
17) Carbon Disulfide	4.01	76	480510	41.713	ug/l	98
18) Methyl Acetate	4.27	43	215532	51.280	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	647932	45.130	ug/l	97
20) Methylene Chloride	4.50	84	212569	46.079	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	207547	48.540	ug/l	98
22) Diisopropyl ether	5.89	45	705505	45.804	ug/l	99
23) Vinyl Acetate	5.84	43	2955377	240.467	ug/l	100
24) 1,1-Dichloroethane	5.79	63	395658	46.596	ug/l	99
25) 2-Butanone	6.78	43	663392	261.367	ug/l	100
26) 2,2-Dichloropropane	6.77	77	364442	47.371	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	244816	47.106	ug/l	98
28) Bromochloromethane	7.15	49	199344	44.935	ug/l	100
29) Tetrahydrofuran	7.16	42	417377	237.819	ug/l	99
30) Chloroform	7.33	83	417817	47.031	ug/l	100
31) Cyclohexane	7.61	56	337159	44.878	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	364714	47.642	ug/l	99
36) 1,1-Dichloropropene	7.75	75	305880	50.721	ug/l	98
37) Ethyl Acetate	6.87	43	275188	48.337	ug/l #	95
38) Carbon Tetrachloride	7.73	117	304054	49.715	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	346348	51.121	ug/l	98
40) Benzene	8.00	78	906273	51.138	ug/l	99
41) Methacrylonitrile	7.12	41	111969	44.072	ug/l #	63
42) 1,2-Dichloroethane	8.08	62	343349	51.866	ug/l	100
43) Isopropyl Acetate	8.12	43	505888	51.437	ug/l	100
44) Trichloroethene	8.80	130	230161	53.543	ug/l	99
45) 1,2-Dichloropropane	9.08	63	237418	50.599	ug/l	95
46) Dibromomethane	9.17	93	162097	52.130	ug/l	98
47) Bromodichloromethane	9.37	83	342433	51.377	ug/l	99
48) Methyl methacrylate	9.16	41	225281	50.811	ug/l	91
49) 1,4-Dioxane	9.16	88	72606	1058.759	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1475336	276.047	ug/l	100
52) Toluene	10.12	92	594103	53.815	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	369665	50.704	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	397747	51.974	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	225841	53.417	ug/l	98
56) Ethyl methacrylate	10.40	69	335185	52.095	ug/l	99
57) 1,3-Dichloropropane	10.68	76	393955	52.305	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	857307	257.307	ug/l	99
59) 2-Hexanone	10.72	43	1107864	294.955	ug/l	99
60) Dibromochloromethane	10.87	129	248643	53.195	ug/l	99
61) 1,2-Dibromoethane	10.97	107	232632	52.931	ug/l	97
64) Tetrachloroethene	10.60	164	244181	57.720	ug/l	94
65) Chlorobenzene	11.41	112	608748	51.304	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	226016	51.304	ug/l	99
67) Ethyl Benzene	11.48	91	1157175	53.459	ug/l	99
68) m/p-Xylenes	11.60	106	852277	106.309	ug/l	98
69) o-Xylene	11.92	106	404108	52.178	ug/l	97
70) Styrene	11.94	104	699896	52.584	ug/l	99
71) Bromoform	12.10	173	154411	51.648	ug/l #	96
73) Isopropylbenzene	12.22	105	1118941	51.110	ug/l	99
74) N-amyl acetate	12.05	43	455596	50.241	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	293583	46.514	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	285569m	50.920	ug/l	
77) Bromobenzene	12.50	156	244218	49.325	ug/l	98
78) n-propylbenzene	12.57	91	1336067	52.739	ug/l	99
79) 2-Chlorotoluene	12.65	91	755349	49.782	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	942067	51.698	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	104164	44.892	ug/l	93
82) 4-Chlorotoluene	12.75	91	787180	50.022	ug/l	99
83) tert-Butylbenzene	12.97	119	784949	50.226	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	946780	51.546	ug/l	99
85) sec-Butylbenzene	13.15	105	1076938	52.874	ug/l	99
86) p-Isopropyltoluene	13.26	119	966473	53.446	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	464624	51.082	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	470478	49.954	ug/l	99
89) n-Butylbenzene	13.59	91	896244	53.649	ug/l	99
90) Hexachloroethane	13.85	117	158690	47.406	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	459034	52.006	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	64714	46.636	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	256713	52.058	ug/l	97
94) Hexachlorobutadiene	14.98	225	92705	50.324	ug/l	96
95) Naphthalene	15.10	128	819920	49.836	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	246088	51.221	ug/l	98

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

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