

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063897.D
 Acq On : 6 Oct 2020 16:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:11:44 PM

Quant Time: Oct 06 17:34:17 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	7.63	168	287882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	465759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	438497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	216832	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
35) Dibromofluoromethane	7.55	113	152859	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
50) Toluene-d8	10.06	98	569643	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
62) 4-Bromofluorobenzene	12.38	95	216832	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	130835	43.071	ug/l	100
3) Chloromethane	2.04	50	156641	43.948	ug/l	100
4) Vinyl Chloride	2.16	62	155856	43.562	ug/l	99
5) Bromomethane	2.53	94	101122	44.935	ug/l	99
6) Chloroethane	2.67	64	102250	47.827	ug/l	99
7) Trichlorofluoromethane	2.99	101	261894	46.154	ug/l	98
8) Diethyl Ether	3.38	74	92798	48.357	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	136896	45.138	ug/l	97
10) Methyl Iodide	3.91	142	174728	49.618	ug/l	99
11) Tert butyl alcohol	4.73	59	132051	251.488	ug/l	99
12) 1,1-Dichloroethene	3.70	96	135093	46.601	ug/l	98
13) Acrolein	3.57	56	214954	667.012	ug/l	99
14) Allyl chloride	4.28	41	269898	50.115	ug/l	95
15) Acrylonitrile	4.93	53	377741	251.323	ug/l	99
16) Acetone	3.77	43	376624	257.247	ug/l	99
17) Carbon Disulfide	4.01	76	353631	45.202	ug/l	98
18) Methyl Acetate	4.28	43	197461	51.946	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	520646	49.435	ug/l	99
20) Methylene Chloride	4.51	84	164958	49.193	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	146656	45.166	ug/l	98
22) Diisopropyl ether	5.90	45	573988	51.801	ug/l	98
23) Vinyl Acetate	5.84	43	2375867	258.846	ug/l	100
24) 1,1-Dichloroethane	5.80	63	304030	47.988	ug/l	99
25) 2-Butanone	6.78	43	556591	268.150	ug/l	98
26) 2,2-Dichloropropane	6.78	77	284450	49.027	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	178427	47.779	ug/l	98
28) Bromochloromethane	7.15	49	157847	50.409	ug/l	96
29) Tetrahydrofuran	7.16	42	356409	256.016	ug/l	98
30) Chloroform	7.33	83	320736	48.553	ug/l	97
31) Cyclohexane	7.61	56	249111	45.117	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	294516	49.428	ug/l	99
36) 1,1-Dichloropropene	7.75	75	230816	48.916	ug/l	100
37) Ethyl Acetate	6.88	43	228763	48.798	ug/l	99
38) Carbon Tetrachloride	7.73	117	256548	48.486	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	212543	45.169	ug/l	99
40) Benzene	8.00	78	662903	49.186	ug/l	99
41) Methacrylonitrile	7.12	41	83942	40.288	ug/l #	64
42) 1,2-Dichloroethane	8.08	62	280894	48.825	ug/l	100
43) Isopropyl Acetate	8.13	43	403026	52.120	ug/l #	92
44) Trichloroethene	8.80	130	167112	47.323	ug/l	100
45) 1,2-Dichloropropane	9.08	63	181863	49.965	ug/l	99
46) Dibromomethane	9.17	93	122198	48.666	ug/l	99
47) Bromodichloromethane	9.37	83	263133	50.848	ug/l	100
48) Methyl methacrylate	9.17	41	203344	53.226	ug/l	94
49) 1,4-Dioxane	9.17	88	52084	959.253	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1228626	270.750	ug/l	99
52) Toluene	10.13	92	424332	50.902	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	285120	51.399	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	300142	51.736	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	173727	51.965	ug/l	97
56) Ethyl methacrylate	10.40	69	252700	53.326	ug/l	97
57) 1,3-Dichloropropane	10.68	76	293284	51.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	686447	270.807	ug/l	99
59) 2-Hexanone	10.72	43	900628	267.169	ug/l	100
60) Dibromochloromethane	10.87	129	197142	50.635	ug/l	99
61) 1,2-Dibromoethane	10.98	107	177021	51.764	ug/l	100
64) Tetrachloroethene	10.60	164	159156	46.914	ug/l	97
65) Chlorobenzene	11.41	112	444965	49.468	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	179351	52.010	ug/l	99
67) Ethyl Benzene	11.49	91	824160	50.353	ug/l	99
68) m/p-Xylenes	11.59	106	614899	100.801	ug/l	99
69) o-Xylene	11.92	106	294153	51.591	ug/l	99
70) Styrene	11.94	104	507787	52.466	ug/l	99
71) Bromoform	12.10	173	133633	50.669	ug/l #	97
73) Isopropylbenzene	12.23	105	790963	50.717	ug/l	99
74) N-amyl acetate	12.05	43	357953	49.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	240062	50.338	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	231448m	49.105	ug/l	
77) Bromobenzene	12.50	156	194648	50.865	ug/l	99
78) n-propylbenzene	12.57	91	906325	49.935	ug/l	100
79) 2-Chlorotoluene	12.65	91	558044	49.992	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	664555	50.792	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	85937	52.513	ug/l	98
82) 4-Chlorotoluene	12.75	91	595758	51.412	ug/l	100
83) tert-Butylbenzene	12.97	119	541169	50.566	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	674620	51.644	ug/l	99
85) sec-Butylbenzene	13.15	105	701020	49.870	ug/l	99
86) p-Isopropyltoluene	13.26	119	637717	51.282	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	345458	49.899	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	348172	48.301	ug/l	99
89) n-Butylbenzene	13.59	91	541988	47.222	ug/l	99
90) Hexachloroethane	13.85	117	118943	49.360	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	343206	50.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54774	48.975	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	169216	45.543	ug/l	98
94) Hexachlorobutadiene	14.98	225	93473	50.275	ug/l	98
95) Naphthalene	15.10	128	511338	44.540	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	165279	45.837	ug/l	99

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

