

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063741.D
 Acq On : 30 Sep 2020 11:12
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 2:39:57 PM

Quant Time: Sep 30 11:44:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 30 11:35:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	283426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	465101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	438717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	221669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	225459	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
35) Dibromofluoromethane	7.55	113	156094	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
50) Toluene-d8	10.06	98	581165	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.38	95	221766	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	139145	44.264	ug/l	100
3) Chloromethane	2.04	50	158859	38.752	ug/l	100
4) Vinyl Chloride	2.16	62	161751	44.091	ug/l	100
5) Bromomethane	2.53	94	100380	45.509	ug/l	100
6) Chloroethane	2.67	64	99661	43.774	ug/l	100
7) Trichlorofluoromethane	2.98	101	263064	47.348	ug/l	100
8) Diethyl Ether	3.38	74	92747	43.704	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	140062	45.166	ug/l	100
10) Methyl Iodide	3.91	142	175998	44.265	ug/l	100
11) Tert butyl alcohol	4.73	59	128281	200.991	ug/l	100
12) 1,1-Dichloroethene	3.70	96	132360	42.589	ug/l	100
13) Acrolein	3.57	56	80665	309.318	ug/l	100
14) Allyl chloride	4.28	41	255063	41.811	ug/l	100
15) Acrylonitrile	4.93	53	364486	220.117	ug/l	100
16) Acetone	3.77	43	344791	224.866	ug/l	100
17) Carbon Disulfide	4.01	76	367597	40.957	ug/l	100
18) Methyl Acetate	4.28	43	174105	44.988	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	505622	43.415	ug/l	100
20) Methylene Chloride	4.51	84	160746	41.811	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	147847	42.820	ug/l	100
22) Diisopropyl ether	5.90	45	534646	42.517	ug/l	100
23) Vinyl Acetate	5.84	43	2285564	221.901	ug/l	100
24) 1,1-Dichloroethane	5.80	63	300457	43.750	ug/l	100
25) 2-Butanone	6.78	43	513423	220.473	ug/l	100
26) 2,2-Dichloropropane	6.78	77	271836	44.576	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	174688	44.679	ug/l	100
28) Bromochloromethane	7.15	49	152625	47.115	ug/l	100
29) Tetrahydrofuran	7.16	42	338890	213.210	ug/l	100
30) Chloroform	7.33	83	312257	45.009	ug/l	100
31) Cyclohexane	7.61	56	248875	38.902	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	288993	46.525	ug/l	100
36) 1,1-Dichloropropene	7.75	75	225346	46.168	ug/l	100
37) Ethyl Acetate	6.88	43	219233	45.952	ug/l	100
38) Carbon Tetrachloride	7.73	117	248071	49.295	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	230878	43.962	ug/l	100
40) Benzene	8.00	78	642234	46.095	ug/l	100
41) Methacrylonitrile	7.13	41	110774	50.698	ug/l	100
42) 1,2-Dichloroethane	8.08	62	276101	48.814	ug/l	100
43) Isopropyl Acetate	8.13	43	389789	45.585	ug/l	100
44) Trichloroethene	8.80	130	166043	48.552	ug/l	100
45) 1,2-Dichloropropane	9.08	63	176220	46.507	ug/l	100
46) Dibromomethane	9.17	93	119645	47.779	ug/l	100
47) Bromodichloromethane	9.37	83	255324	48.837	ug/l	100
48) Methyl methacrylate	9.17	41	188534	45.048	ug/l	100
49) 1,4-Dioxane	9.16	88	51431	860.135	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1163100	241.031	ug/l	100
52) Toluene	10.13	92	410996	48.844	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	277166	47.758	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	291411	47.766	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	165495	49.259	ug/l	100
56) Ethyl methacrylate	10.40	69	243474	46.917	ug/l	100
57) 1,3-Dichloropropane	10.68	76	282471	46.901	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	645829	235.082	ug/l	100
59) 2-Hexanone	10.72	43	852632	243.775	ug/l	100
60) Dibromochloromethane	10.87	129	188836	49.690	ug/l	100
61) 1,2-Dibromoethane	10.98	107	171383	49.156	ug/l	100
64) Tetrachloroethene	10.60	164	154258	51.236	ug/l	100
65) Chlorobenzene	11.41	112	430358	46.854	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	169869	50.028	ug/l	100
67) Ethyl Benzene	11.48	91	817016	47.228	ug/l	100
68) m/p-Xylenes	11.59	106	603740	96.539	ug/l	100
69) o-Xylene	11.92	106	283998	47.817	ug/l	100
70) Styrene	11.94	104	495372	49.723	ug/l	100
71) Bromoform	12.10	173	132517	52.226	ug/l #	100
73) Isopropylbenzene	12.22	105	792535	45.347	ug/l	100
74) N-amyl acetate	12.04	43	349766	42.761	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	237811	43.951	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	219877m	40.757	ug/l	
77) Bromobenzene	12.50	156	190086	47.860	ug/l	100
78) n-propylbenzene	12.57	91	908649	44.729	ug/l	100
79) 2-Chlorotoluene	12.65	91	546946	44.799	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	664311	45.699	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	85360	43.621	ug/l	100
82) 4-Chlorotoluene	12.75	91	580984	44.988	ug/l	100
83) tert-Butylbenzene	12.97	119	541702	45.076	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	682733	46.399	ug/l	100
85) sec-Butylbenzene	13.15	105	714700	44.530	ug/l	100
86) p-Isopropyltoluene	13.26	119	647222	45.687	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	346941	47.248	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	342768	46.142	ug/l	100
89) n-Butylbenzene	13.59	91	579497	44.576	ug/l	100
90) Hexachloroethane	13.85	117	123564	45.622	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	334744	46.677	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55338	43.371	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	182177	43.859	ug/l	100
94) Hexachlorobutadiene	14.98	225	93953	52.502	ug/l	100
95) Naphthalene	15.10	128	563550	41.460	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	176191	43.910	ug/l	100

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

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