

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063738.D
 Acq On : 30 Sep 2020 9:48
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 2:39:42 PM

Quant Time: Sep 30 12:14:25 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	7.62	168	268823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	438543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	404497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	10.06	98	8378	0.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	1.48%	
62) 4-Bromofluorobenzene	12.38	95	3551	0.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	1.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	3209	1.076	ug/l	93
3) Chloromethane	2.04	50	4210	1.083	ug/l	97
4) Vinyl Chloride	2.16	62	4158	1.195	ug/l	96
6) Chloroethane	2.68	64	2130	0.986	ug/l #	79
7) Trichlorofluoromethane	2.98	101	6149	1.167	ug/l #	83
8) Diethyl Ether	3.37	74	1821	0.905	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.73	101	3338	1.135	ug/l #	75
12) 1,1-Dichloroethene	3.69	96	3172	1.076	ug/l #	77
14) Allyl chloride	4.28	41	5169	0.893	ug/l #	28
15) Acrylonitrile	4.94	53	6988m	4.449	ug/l	
16) Acetone	3.77	43	7947	5.464	ug/l	93
17) Carbon Disulfide	4.01	76	10699	1.257	ug/l	100
18) Methyl Acetate	4.28	43	4212m	1.147	ug/l	
19) Methyl tert-butyl Ether	4.98	73	10237m	0.927	ug/l	
20) Methylene Chloride	4.51	84	4550m	1.248	ug/l	
21) trans-1,2-Dichloroethene	4.99	96	3596m	1.098	ug/l	
22) Diisopropyl ether	5.90	45	9912	0.831	ug/l #	72
23) Vinyl Acetate	5.84	43	39411	4.034	ug/l	99
24) 1,1-Dichloroethane	5.79	63	6415	0.985	ug/l #	86
25) 2-Butanone	6.78	43	8637	3.910	ug/l	95
26) 2,2-Dichloropropane	6.76	77	6036	1.044	ug/l #	71
27) cis-1,2-Dichloroethene	6.78	96	3834m	1.034	ug/l	
28) Bromochloromethane	7.14	49	2272m	0.739	ug/l	
29) Tetrahydrofuran	7.17	42	6409	4.251	ug/l	97
30) Chloroform	7.32	83	6348	0.965	ug/l #	69
32) 1,1,1-Trichloroethane	7.53	97	5525m	0.938	ug/l	
36) 1,1-Dichloropropene	7.75	75	4881	1.061	ug/l	94
37) Ethyl Acetate	6.88	43	5374m	1.195	ug/l	
38) Carbon Tetrachloride	7.73	117	6014	1.267	ug/l	89
39) Methylcyclohexane	9.04	83	4406	0.890	ug/l	89
40) Benzene	8.00	78	13678	1.041	ug/l	98
41) Methacrylonitrile	7.13	41	2197	1.066	ug/l #	69
42) 1,2-Dichloroethane	8.08	62	6074	1.139	ug/l	81
43) Isopropyl Acetate	8.13	43	7075	0.878	ug/l #	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	3931	1.219	ug/l	89
45) 1,2-Dichloropropane	9.08	63	3827	1.071	ug/l	90
46) Dibromomethane	9.17	93	2623	1.111	ug/l	94
47) Bromodichloromethane	9.37	83	4805	0.975	ug/l	92
48) Methyl methacrylate	9.16	41	3603	0.913	ug/l #	66
49) 1,4-Dioxane	9.17	88	1239	21.976	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	19791	4.350	ug/l	94
52) Toluene	10.12	92	7621	0.961	ug/l	94
53) t-1,3-Dichloropropene	10.35	75	4816	0.880	ug/l	93
54) cis-1,3-Dichloropropene	9.80	75	5194	0.903	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	3200	1.010	ug/l #	87
56) Ethyl methacrylate	10.40	69	3587	0.733	ug/l #	70
57) 1,3-Dichloropropane	10.67	76	5049	0.889	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	9496	3.666	ug/l	99
59) 2-Hexanone	10.72	43	14783	4.483	ug/l	84
60) Dibromochloromethane	10.87	129	3672	1.025	ug/l	94
61) 1,2-Dibromoethane	10.97	107	3061	0.931	ug/l	87
64) Tetrachloroethene	10.60	164	4027	1.451	ug/l #	73
65) Chlorobenzene	11.40	112	8678	1.025	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	3318	1.060	ug/l #	65
67) Ethyl Benzene	11.48	91	14642	0.918	ug/l	100
68) m/p-Xylenes	11.59	106	11394	1.976	ug/l	95
69) o-Xylene	11.92	106	4862	0.888	ug/l	90
70) Styrene	11.94	104	7999	0.871	ug/l	98
71) Bromoform	12.10	173	2425	1.037	ug/l #	74
73) Isopropylbenzene	12.22	105	12901	0.942	ug/l	96
74) N-amyl acetate	12.05	43	3878	0.605	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	4046	0.954	ug/l #	95
76) 1,2,3-Trichloropropane	12.53	75	4372m	1.034	ug/l	
77) Bromobenzene	12.50	156	3282	1.054	ug/l	96
78) n-propylbenzene	12.56	91	15452	0.970	ug/l	96
79) 2-Chlorotoluene	12.65	91	9926	1.037	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	10497	0.921	ug/l	97
82) 4-Chlorotoluene	12.75	91	9824	0.970	ug/l	94
83) tert-Butylbenzene	12.97	119	8508	0.903	ug/l	93
84) 1,2,4-Trimethylbenzene	13.02	105	9771	0.847	ug/l	99
85) sec-Butylbenzene	13.15	105	11238	0.893	ug/l	99
86) p-Isopropyltoluene	13.26	119	9175	0.826	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	5885	1.022	ug/l	95
88) 1,4-Dichlorobenzene	13.34	146	7235	1.242	ug/l	82
89) n-Butylbenzene	13.59	91	10084	0.990	ug/l	95
90) Hexachloroethane	13.85	117	1925	0.907	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	6241	1.110	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	1034m	1.034	ug/l	
93) 1,2,4-Trichlorobenzene	14.88	180	4088	1.256	ug/l	98
94) Hexachlorobutadiene	14.98	225	3015	2.149	ug/l	96
95) Naphthalene	15.11	128	12792	1.201	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	4594	1.461	ug/l	98

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

