

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063290.D
 Acq On : 10 Sep 2020 12:35
 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
 9/11/2020 2:02:15 PM

Quant Time: Sep 11 06:02:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 10 14:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	384969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	675955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	587058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	244280	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	0.00	98	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.83	85	4290	1.143	ug/l	93
3) Chloromethane	2.04	50	7903	1.447	ug/l	99
4) Vinyl Chloride	2.16	62	5741	0.970	ug/l #	86
6) Chloroethane	2.68	64	3808	0.841	ug/l #	87
7) Trichlorofluoromethane	2.98	101	9075	1.015	ug/l	96
8) Diethyl Ether	3.37	74	3253	1.123	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.71	101	4692	1.138	ug/l	97
12) 1,1-Dichloroethene	3.69	96	4894	1.173	ug/l	91
14) Allyl chloride	4.27	41	11215	1.492	ug/l #	84
15) Acrylonitrile	4.95	53	11976m	6.070	ug/l	
16) Acetone	3.78	43	13208	7.338	ug/l	97
17) Carbon Disulfide	4.01	76	18454	1.484	ug/l	96
18) Methyl Acetate	4.29	43	6267	1.366	ug/l #	84
19) Methyl tert-butyl Ether	4.98	73	16047	1.043	ug/l	93
20) Methylene Chloride	4.50	84	7669	1.435	ug/l	92
21) trans-1,2-Dichloroethene	5.00	96	5454m	1.190	ug/l	
22) Diisopropyl ether	5.89	45	17790	1.068	ug/l #	69
23) Vinyl Acetate	5.84	43	64842	4.891	ug/l	99
24) 1,1-Dichloroethane	5.80	63	10051m	1.099	ug/l	
25) 2-Butanone	6.79	43	16050m	5.801	ug/l	
26) 2,2-Dichloropropane	6.77	77	9255m	1.115	ug/l	
27) cis-1,2-Dichloroethene	6.77	96	6509	1.169	ug/l	94
28) Bromochloromethane	7.15	49	5219	1.115	ug/l #	99
29) Tetrahydrofuran	7.16	42	10076	5.289	ug/l #	89
30) Chloroform	7.32	83	10054	1.055	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	8617	1.052	ug/l #	53
36) 1,1-Dichloropropene	7.75	75	7909	1.216	ug/l	93
37) Ethyl Acetate	6.87	43	7652m	1.374	ug/l	
38) Carbon Tetrachloride	7.72	117	7216	1.098	ug/l #	80
39) Methylcyclohexane	9.04	83	8317	1.144	ug/l #	91
40) Benzene	8.00	78	21744	1.146	ug/l	96
41) Methacrylonitrile	7.13	41	3029m	1.078	ug/l	
42) 1,2-Dichloroethane	8.09	62	8081	1.135	ug/l	91
43) Isopropyl Acetate	8.12	43	11776	1.112	ug/l #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	6062	1.297	ug/l	99
45) 1,2-Dichloropropane	9.09	63	6016	1.187	ug/l #	88
46) Dibromomethane	9.17	93	4007	1.207	ug/l	93
47) Bromodichloromethane	9.37	83	8221	1.157	ug/l #	94
48) Methyl methacrylate	9.17	41	5734	1.196	ug/l	92
49) 1,4-Dioxane	9.17	88	2187	29.640	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	33045	5.735	ug/l	98
52) Toluene	10.13	92	13128	1.115	ug/l	95
53) t-1,3-Dichloropropene	10.35	75	8409	1.087	ug/l #	87
54) cis-1,3-Dichloropropene	9.81	75	8781	1.069	ug/l #	80
55) 1,1,2-Trichloroethane	10.54	97	5244	1.160	ug/l #	87
56) Ethyl methacrylate	10.40	69	6631	0.962	ug/l	99
57) 1,3-Dichloropropane	10.68	76	8697	1.083	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	24883	7.017	ug/l	99
59) 2-Hexanone	10.73	43	24074	5.923	ug/l	97
60) Dibromochloromethane	10.87	129	5186	1.038	ug/l	98
61) 1,2-Dibromoethane	10.98	107	5635	1.204	ug/l	88
64) Tetrachloroethene	10.60	164	5415	1.257	ug/l	97
65) Chlorobenzene	11.41	112	14577	1.235	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	4791	1.099	ug/l #	64
67) Ethyl Benzene	11.49	91	24450	1.136	ug/l	99
68) m/p-Xylenes	11.59	106	17470	2.199	ug/l	95
69) o-Xylene	11.92	106	8585	1.118	ug/l	99
70) Styrene	11.94	104	13385	1.018	ug/l	99
71) Bromoform	12.10	173	3156	1.061	ug/l #	85
73) Isopropylbenzene	12.22	105	22877	1.231	ug/l	98
74) N-amyl acetate	12.05	43	6355	0.819	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.48	83	6720	1.259	ug/l	95
76) 1,2,3-Trichloropropane	12.53	75	5958m	1.140	ug/l	
77) Bromobenzene	12.50	156	5652	1.339	ug/l	98
78) n-propylbenzene	12.57	91	25000	1.163	ug/l	97
79) 2-Chlorotoluene	12.65	91	16040	1.242	ug/l	95
80) 1,3,5-Trimethylbenzene	12.71	105	18130	1.167	ug/l	97
82) 4-Chlorotoluene	12.75	91	17668	1.321	ug/l	94
83) tert-Butylbenzene	12.97	119	16564	1.249	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	18322	1.170	ug/l	98
85) sec-Butylbenzene	13.15	105	19086	1.110	ug/l	91
86) p-Isopropyltoluene	13.27	119	18171	1.187	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	9882	1.277	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	11541m	1.446	ug/l	
89) n-Butylbenzene	13.59	91	16156	1.141	ug/l	99
90) Hexachloroethane	13.85	117	2446	0.867	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	9520	1.267	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1436	1.201	ug/l	88
93) 1,2,4-Trichlorobenzene	14.89	180	6084	1.433	ug/l	98
94) Hexachlorobutadiene	14.98	225	3538	2.205	ug/l	94
95) Naphthalene	15.11	128	22375	1.611	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	6485	1.568	ug/l	94

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

