

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062062.D
 Acq On : 24 Jun 2020 13:46
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:17:43 PM

Quant Time: Jun 24 15:11:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:04:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	290449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	515649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	461695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181083	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	3620	1.103	ug/l	88
3) Chloromethane	2.04	50	5206	1.205	ug/l	99
4) Vinyl Chloride	2.16	62	5876	1.137	ug/l	95
6) Chloroethane	2.67	64	3797	1.075	ug/l	97
7) Trichlorofluoromethane	2.98	101	7564	1.187	ug/l	93
8) Diethyl Ether	3.37	74	2311	1.039	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.71	101	3675	1.102	ug/l #	69
12) 1,1-Dichloroethene	3.69	96	3534	1.060	ug/l	97
14) Allyl chloride	4.27	41	4885	1.076	ug/l #	85
15) Acrylonitrile	4.93	53	8100	5.079	ug/l #	89
16) Acetone	3.78	43	9770	6.689	ug/l	98
17) Carbon Disulfide	4.01	76	14485	1.361	ug/l	96
18) Methyl Acetate	4.28	43	4021	1.241	ug/l #	65
19) Methyl tert-butyl Ether	4.99	73	11003	1.032	ug/l	100
20) Methylene Chloride	4.50	84	5037	1.224	ug/l #	89
21) trans-1,2-Dichloroethene	4.97	96	4344m	1.283	ug/l	
22) Diisopropyl ether	5.91	45	10711	1.036	ug/l #	96
23) Vinyl Acetate	5.84	43	40505	4.799	ug/l	97
24) 1,1-Dichloroethane	5.80	63	7471	1.122	ug/l #	82
25) 2-Butanone	6.79	43	10132	5.086	ug/l	99
26) 2,2-Dichloropropane	6.77	77	5827	1.050	ug/l	93
27) cis-1,2-Dichloroethene	6.77	96	4877m	1.221	ug/l	
28) Bromochloromethane	7.16	49	3130m	1.214	ug/l	
29) Tetrahydrofuran	7.17	42	6216	4.763	ug/l	94
30) Chloroform	7.32	83	7700	1.137	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	6015	1.053	ug/l #	49
36) 1,1-Dichloropropene	7.75	75	5799	1.119	ug/l	92
37) Ethyl Acetate	6.88	43	5027	1.171	ug/l #	74
38) Carbon Tetrachloride	7.73	117	5283	1.081	ug/l	92
39) Methylcyclohexane	9.04	83	6301	1.110	ug/l	96
40) Benzene	8.00	78	17242	1.091	ug/l	96
41) Methacrylonitrile	7.12	41	2251	1.131	ug/l #	21
42) 1,2-Dichloroethane	8.08	62	5573	1.044	ug/l	85
43) Isopropyl Acetate	8.12	43	6866	0.981	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	4406	1.106	ug/l	94
45) 1,2-Dichloropropane	9.08	63	4212	1.081	ug/l	94
46) Dibromomethane	9.17	93	2773	1.049	ug/l	96
47) Bromodichloromethane	9.36	83	5493	1.030	ug/l	89
48) Methyl methacrylate	9.17	41	3033	0.967	ug/l	91
49) 1,4-Dioxane	9.16	88	1160	16.675	ug/l #	78
51) 4-Methyl-2-Pentanone	9.95	43	17752	4.343	ug/l	99
52) Toluene	10.12	92	9183	0.953	ug/l	88
53) t-1,3-Dichloropropene	10.35	75	5531	0.942	ug/l #	87
54) cis-1,3-Dichloropropene	9.81	75	5746	0.919	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	3649	0.963	ug/l	93
56) Ethyl methacrylate	10.40	69	4064	0.804	ug/l	93
57) 1,3-Dichloropropane	10.68	76	6459	0.990	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.66	63	6278	3.306	ug/l	98
59) 2-Hexanone	10.72	43	11860	4.018	ug/l	96
60) Dibromochloromethane	10.87	129	3911	0.975	ug/l	97
61) 1,2-Dibromoethane	10.98	107	3915	1.006	ug/l	96
64) Tetrachloroethene	10.60	164	3625	1.149	ug/l	88
65) Chlorobenzene	11.40	112	11363	1.121	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.48	131	3524	1.005	ug/l #	56
67) Ethyl Benzene	11.48	91	16785	0.980	ug/l	99
68) m/p-Xylenes	11.59	106	12434	1.877	ug/l	95
69) o-Xylene	11.92	106	5914	0.946	ug/l	96
70) Styrene	11.94	104	8938	0.858	ug/l	99
71) Bromoform	12.10	173	2226	0.893	ug/l #	95
73) Isopropylbenzene	12.22	105	14507	1.035	ug/l	97
74) N-amyl acetate	12.05	43	3666	0.800	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.48	83	5549	1.190	ug/l	92
76) 1,2,3-Trichloropropane	12.53	75	4614m	1.020	ug/l	
77) Bromobenzene	12.50	156	3953	1.136	ug/l	89
78) n-propylbenzene	12.56	91	16883	1.053	ug/l	97
79) 2-Chlorotoluene	12.65	91	10356	1.068	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	10758	0.947	ug/l	99
82) 4-Chlorotoluene	12.75	91	10200	1.018	ug/l	91
83) tert-Butylbenzene	12.97	119	10006	1.029	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	10541	0.929	ug/l	99
85) sec-Butylbenzene	13.15	105	12515	0.974	ug/l	98
86) p-Isopropyltoluene	13.26	119	10077	0.895	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	6672	1.092	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	7545m	1.226	ug/l	
89) n-Butylbenzene	13.59	91	8943	0.955	ug/l	97
90) Hexachloroethane	13.85	117	2381	1.078	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	6399	1.080	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	695	0.930	ug/l	88
93) 1,2,4-Trichlorobenzene	14.88	180	2511	0.970	ug/l	89
94) Hexachlorobutadiene	14.99	225	1265	1.125	ug/l	91
95) Naphthalene	15.11	128	7193	0.953	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	2741	1.036	ug/l	91

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

