

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066926.D
 Acq On : 4 May 2021 10:12
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/5/2021 5:32:48 PM

Quant Time: May 04 12:26:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 12:26:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.592	168	554486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	990515	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.352	117	853351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	286688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.839	85	7031	0.94	ug/l	99
3) Chloromethane	2.035	50	12457	1.11	ug/l #	88
4) Vinyl Chloride	2.164	62	10179	0.99	ug/l	97
6) Chloroethane	2.657	64	6110	1.02	ug/l	90
7) Trichlorofluoromethane	2.974	101	11966	1.00	ug/l	90
8) Diethyl Ether	3.355	74	3709m	0.83	ug/l	
9) 1,1,2-Trichlorotrifluo...	3.690	101	6406m	1.03	ug/l	
12) 1,1-Dichloroethene	3.671	96	6073	1.01	ug/l	97
14) Allyl chloride	4.248	41	11026	0.92	ug/l #	87
15) Acrylonitrile	4.908	53	15239	4.15	ug/l #	95
16) Acetone	3.757	43	17876	5.37	ug/l	96
17) Carbon Disulfide	3.985	76	21366	1.10	ug/l	96
18) Methyl Acetate	4.264	43	9995	1.08	ug/l #	72
19) Methyl tert-butyl Ether	4.964	73	18530	0.88	ug/l	99
20) Methylene Chloride	4.470	84	9638	1.15	ug/l	97
21) trans-1,2-Dichloroethene	4.956	96	5927	0.91	ug/l	89
22) Diisopropyl ether	5.868	45	18710	0.79	ug/l #	75
23) Vinyl Acetate	5.811	43	76158	3.93	ug/l	99
24) 1,1-Dichloroethane	5.758	63	13902	0.98	ug/l	97
25) 2-Butanone	6.755	43	17215	3.82	ug/l	98
26) 2,2-Dichloropropane	6.739	77	12011	1.10	ug/l #	51
27) cis-1,2-Dichloroethene	6.739	96	6682	0.90	ug/l	64
28) Bromochloromethane	7.118	49	6325m	0.95	ug/l	
29) Tetrahydrofuran	7.136	42	12366	4.09	ug/l #	86
30) Chloroform	7.295	83	13518	0.99	ug/l	89
32) 1,1,1-Trichloroethane	7.496	97	11770	1.01	ug/l #	51
36) 1,1-Dichloropropene	7.716	75	9367	0.93	ug/l	90
37) Ethyl Acetate	6.857	43	10288m	0.92	ug/l	
38) Carbon Tetrachloride	7.692	117	10949	1.03	ug/l #	87
39) Methylcyclohexane	9.016	83	9443	0.87	ug/l #	83
40) Benzene	7.970	78	28278	0.88	ug/l	99
41) Methacrylonitrile	7.115	41	4671m	1.00	ug/l	
42) 1,2-Dichloroethane	8.051	62	10767	0.94	ug/l	96
43) Isopropyl Acetate	8.102	43	15139m	0.89	ug/l	
44) Trichloroethene	8.767	130	6550	0.93	ug/l	97
45) 1,2-Dichloropropane	9.051	63	8815	0.98	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.148	93	4705m	0.89	ug/l	
47) Bromodichloromethane	9.336	83	10627	0.93	ug/l #	90
48) Methyl methacrylate	9.148	41	7023m	0.95	ug/l	
49) 1,4-Dioxane	9.140	88	1492	12.96	ug/l #	89
51) 4-Methyl-2-Pentanone	9.928	43	31232	3.25	ug/l	90
52) Toluene	10.095	92	14243	0.78	ug/l	100
53) t-1,3-Dichloropropene	10.328	75	8618	0.75	ug/l #	86
54) cis-1,3-Dichloropropene	9.783	75	10730	0.85	ug/l	93
55) 1,1,2-Trichloroethane	10.502	97	6575	0.87	ug/l	95
56) Ethyl methacrylate	10.384	69	4473m	0.48	ug/l	
57) 1,3-Dichloropropane	10.652	76	10168	0.78	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.636	63	3761	2.17	ug/l #	74
59) 2-Hexanone	10.719	43	5900m	1.05	ug/l	
60) Dibromochloromethane	10.848	129	6766	0.83	ug/l	98
61) 1,2-Dibromoethane	10.950	107	5962	0.83	ug/l	94
64) Tetrachloroethene	10.575	164	6307	1.09	ug/l	89
65) Chlorobenzene	11.377	112	16372	0.92	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.452	131	6935	1.00	ug/l #	63
67) Ethyl Benzene	11.460	91	22018	0.72	ug/l	100
68) m/p-Xylenes	11.572	106	13140	1.19	ug/l	87
69) o-Xylene	11.897	106	7504	0.69	ug/l	100
70) Styrene	11.953	104	9333m	0.57	ug/l	
71) Bromoform	12.095	173	3524m	0.74	ug/l	
73) Isopropylbenzene	12.208	105	18615m	0.88	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.471	83	8056m	1.03	ug/l	
76) 1,2,3-Trichloropropane	12.522	75	7413m	1.07	ug/l	
77) Bromobenzene	12.498	156	4055m	0.81	ug/l	
78) n-propylbenzene	12.562	91	14849m	0.64	ug/l	
80) 1,3,5-Trimethylbenzene	12.688	105	14112	0.78	ug/l	94
83) tert-Butylbenzene	12.940	119	15360	0.94	ug/l #	80
84) 1,2,4-Trimethylbenzene	12.994	105	12475	0.72	ug/l	96
85) sec-Butylbenzene	13.125	105	14405	0.73	ug/l	98
86) p-Isopropyltoluene	13.243	119	9426	0.55	ug/l	92
87) 1,3-Dichlorobenzene	13.235	146	7024	0.81	ug/l	93
88) 1,4-Dichlorobenzene	13.316	146	12208m	1.28	ug/l	
89) n-Butylbenzene	13.629	91	11809m	0.86	ug/l	
90) Hexachloroethane	13.820	117	5174	1.23	ug/l	82
91) 1,2-Dichlorobenzene	13.629	146	9822m	1.07	ug/l	
92) 1,2-Dibromo-3-Chloropr...	14.252	75	2118m	1.36	ug/l	
93) 1,2,4-Trichlorobenzene	14.879	180	4599m	1.00	ug/l	
94) Hexachlorobutadiene	14.949	225	3330	1.11	ug/l	95
95) Naphthalene	15.099	128	8698m	0.72	ug/l	
96) 1,2,3-Trichlorobenzene	15.276	180	4938m	1.11	ug/l	

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

