

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
 Data File : VN066490.D
 Acq On : 6 Apr 2021 13:06
 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

SAM
 4/7/2021 5:47:10 PM

Quant Time: Apr 06 14:04:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 12:45:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	339073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.513	114	530136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	457954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	174129	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	78 - 117	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.00%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.816	85	3481	0.90	ug/l	93
3) Chloromethane	2.014	50	6083	1.21	ug/l	95
4) Vinyl Chloride	2.143	62	5891	1.07	ug/l	97
6) Chloroethane	2.642	64	3691	0.99	ug/l	92
7) Trichlorofluoromethane	2.958	101	7596	1.02	ug/l	91
8) Diethyl Ether	3.339	74	1805	0.90	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.677	101	2901	0.90	ug/l #	83
12) 1,1-Dichloroethene	3.655	96	3255	1.06	ug/l	95
14) Allyl chloride	4.224	41	5385m	1.03	ug/l	
15) Acrylonitrile	4.881	53	9685m	5.41	ug/l	
16) Acetone	3.744	43	11957	6.94	ug/l	99
17) Carbon Disulfide	3.964	76	12928	1.37	ug/l	100
18) Methyl Acetate	4.237	43	5482	1.21	ug/l #	76
19) Methyl tert-butyl Ether	4.937	73	10047m	0.93	ug/l	
20) Methylene Chloride	4.444	84	4349m	1.09	ug/l	
21) trans-1,2-Dichloroethene	4.924	96	3918m	1.10	ug/l	
22) Diisopropyl ether	5.844	45	10234	0.88	ug/l #	82
23) Vinyl Acetate	5.793	43	42136	4.18	ug/l	100
24) 1,1-Dichloroethane	5.739	63	6518	0.96	ug/l #	83
25) 2-Butanone	6.745	43	13364	5.01	ug/l #	88
26) 2,2-Dichloropropane	6.724	77	5598	0.97	ug/l #	60
27) cis-1,2-Dichloroethene	6.732	96	4218	1.13	ug/l	50
28) Bromochloromethane	7.102	49	4125	1.22	ug/l #	84
29) Tetrahydrofuran	7.126	42	8833	4.86	ug/l #	68
30) Chloroform	7.282	83	6637	0.96	ug/l	99
32) 1,1,1-Trichloroethane	7.491	97	5400m	0.90	ug/l	
36) 1,1-Dichloropropene	7.705	75	4849	0.96	ug/l #	54
37) Ethyl Acetate	6.844	43	6717m	1.13	ug/l	
38) Carbon Tetrachloride	7.686	117	4623	0.85	ug/l #	94
39) Methylcyclohexane	9.006	83	5213	0.92	ug/l	98
40) Benzene	7.965	78	14358	0.89	ug/l	100
41) Methacrylonitrile	7.099	41	3181m	0.87	ug/l	
42) 1,2-Dichloroethane	8.043	62	5245	0.94	ug/l	90
43) Isopropyl Acetate	8.091	43	8802	0.93	ug/l #	78
44) Trichloroethene	8.765	130	4189	1.03	ug/l	74
45) 1,2-Dichloropropane	9.049	63	3952	0.91	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.143	93	2348	0.83	ug/l	91
47) Bromodichloromethane	9.339	83	5157	0.90	ug/l	93
48) Methyl methacrylate	9.132	41	3994	0.94	ug/l	88
49) 1,4-Dioxane	9.129	88	942	16.39	ug/l #	84
51) 4-Methyl-2-Pentanone	9.923	43	22286	3.90	ug/l	98
52) Toluene	10.092	92	8026	0.82	ug/l	97
53) t-1,3-Dichloropropene	10.328	75	4643	0.78	ug/l	100
54) cis-1,3-Dichloropropene	9.773	75	5861	0.91	ug/l	99
55) 1,1,2-Trichloroethane	10.497	97	3509	0.87	ug/l #	87
56) Ethyl methacrylate	10.371	69	3596m	0.69	ug/l	
57) 1,3-Dichloropropane	10.647	76	5663	0.86	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.631	63	1787	2.46	ug/l #	86
59) 2-Hexanone	10.698	43	11196	3.08	ug/l	96
60) Dibromochloromethane	10.838	129	3767	0.84	ug/l	97
61) 1,2-Dibromoethane	10.948	107	3516	0.86	ug/l	98
64) Tetrachloroethene	10.570	164	4051	1.06	ug/l	88
65) Chlorobenzene	11.371	112	9501	0.99	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.455	131	3223	0.87	ug/l #	63
67) Ethyl Benzene	11.455	91	13516	0.84	ug/l	92
68) m/p-Xylenes	11.570	106	9612	1.60	ug/l	87
69) o-Xylene	11.889	106	4808	0.83	ug/l	99
70) Styrene	11.913	104	6577m	0.74	ug/l	
71) Bromoform	12.074	173	2186	0.75	ug/l #	94
73) Isopropylbenzene	12.198	105	10911	0.89	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.450	83	5520m	1.26	ug/l	
76) 1,2,3-Trichloropropane	12.506	75	3661m	0.75	ug/l	
77) Bromobenzene	12.482	156	3605m	1.13	ug/l	
78) n-propylbenzene	12.544	91	11834	0.88	ug/l	99
79) 2-Chlorotoluene	12.624	91	7375m	0.90	ug/l	
80) 1,3,5-Trimethylbenzene	12.683	105	9259	0.91	ug/l	95
82) 4-Chlorotoluene	12.729	91	7677m	0.95	ug/l	
83) tert-Butylbenzene	12.938	119	11326	1.30	ug/l #	78
84) 1,2,4-Trimethylbenzene	12.989	105	8774	0.91	ug/l	97
85) sec-Butylbenzene	13.120	105	10954	0.97	ug/l #	77
86) p-Isopropyltoluene	13.235	119	8514	0.89	ug/l	94
87) 1,3-Dichlorobenzene	13.230	146	6192	1.13	ug/l	96
88) 1,4-Dichlorobenzene	13.308	146	8749m	1.54	ug/l	
89) n-Butylbenzene	13.576	91	11093m	1.35	ug/l	
90) Hexachloroethane	13.817	117	2332	1.12	ug/l	87
91) 1,2-Dichlorobenzene	13.611	146	5727	1.03	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.241	75	2240m	2.49	ug/l	
93) 1,2,4-Trichlorobenzene	14.989	180	6850	2.22	ug/l #	90
94) Hexachlorobutadiene	15.110	225	2484	1.36	ug/l	78
95) Naphthalene	15.276	128	36869	4.55	ug/l	99
96) 1,2,3-Trichlorobenzene	15.512	180	8387	2.80	ug/l	96

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

