

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
 Data File : VN066483.D
 Acq On : 6 Apr 2021 9:40
 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

SAM
 4/7/2021 5:46:33 PM

Quant Time: Apr 06 12:22:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 12:21:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	311963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	481855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	422052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	161875	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	1.821	85	3398	0.88	ug/l	93
3) Chloromethane	2.022	50	5533	1.19	ug/l	94
4) Vinyl Chloride	2.148	62	4785	1.04	ug/l	94
6) Chloroethane	2.652	64	3418	1.18	ug/l	93
7) Trichlorofluoromethane	2.958	101	6778	1.08	ug/l	95
8) Diethyl Ether	3.344	74	1671	0.69	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.679	101	3087m	0.91	ug/l	
12) 1,1-Dichloroethene	3.663	96	2651m	0.77	ug/l	
14) Allyl chloride	4.237	41	4754	0.72	ug/l #	71
15) Acrylonitrile	4.892	53	7344m	4.16	ug/l	
16) Acetone	3.736	43	8680m	4.09	ug/l	
17) Carbon Disulfide	3.969	76	8447	0.83	ug/l #	95
18) Methyl Acetate	4.243	43	4508m	0.82	ug/l	
19) Methyl tert-butyl Ether	4.937	73	8145	0.77	ug/l	95
20) Methylene Chloride	4.463	84	3910m	0.93	ug/l	
21) trans-1,2-Dichloroethene	4.927	96	3127m	0.96	ug/l	
22) Diisopropyl ether	5.857	45	8478m	0.77	ug/l	
23) Vinyl Acetate	5.801	43	32322	3.44	ug/l #	93
24) 1,1-Dichloroethane	5.753	63	5990	0.98	ug/l #	95
25) 2-Butanone	6.748	43	10169	4.16	ug/l	100
26) 2,2-Dichloropropane	6.721	77	4944	0.92	ug/l #	67
27) cis-1,2-Dichloroethene	6.740	96	3518m	0.93	ug/l	
28) Bromochloromethane	7.099	49	3031	1.00	ug/l #	47
29) Tetrahydrofuran	7.128	42	6760m	4.22	ug/l	
30) Chloroform	7.287	83	5951	0.97	ug/l	94
32) 1,1,1-Trichloroethane	7.485	97	5076	0.95	ug/l #	52
36) 1,1-Dichloropropene	7.702	75	4003m	0.88	ug/l	
37) Ethyl Acetate	6.839	43	5114m	1.01	ug/l	
38) Carbon Tetrachloride	7.692	117	4837	1.05	ug/l	87
39) Methylcyclohexane	9.009	83	3870	0.70	ug/l	96
40) Benzene	7.963	78	13002	0.94	ug/l	98
41) Methacrylonitrile	7.099	41	2541m	1.04	ug/l	
42) 1,2-Dichloroethane	8.048	62	4500	0.91	ug/l	93
43) Isopropyl Acetate	8.086	43	6869	0.80	ug/l #	72
44) Trichloroethene	8.764	130	3321	0.91	ug/l	85
45) 1,2-Dichloropropane	9.046	63	3697	1.00	ug/l #	74

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.140	93	2403	0.99	ug/l	97
47) Bromodichloromethane	9.333	83	4555	0.91	ug/l	97
48) Methyl methacrylate	9.135	41	3040	0.75	ug/l #	73
49) 1,4-Dioxane	9.135	88	759	14.68	ug/l #	83
51) 4-Methyl-2-Pentanone	9.923	43	17654	3.49	ug/l	94
52) Toluene	10.092	92	6976	0.82	ug/l	92
53) t-1,3-Dichloropropene	10.325	75	4226	0.78	ug/l #	84
54) cis-1,3-Dichloropropene	9.773	75	4554	0.78	ug/l	92
55) 1,1,2-Trichloroethane	10.502	97	3054	0.89	ug/l #	84
56) Ethyl methacrylate	10.368	69	2543	0.49	ug/l #	79
57) 1,3-Dichloropropane	10.647	76	5067	0.89	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.633	63	1469m	2.90	ug/l	
59) 2-Hexanone	10.709	43	5918	1.68	ug/l	87
60) Dibromochloromethane	10.840	129	3178	0.83	ug/l	95
61) 1,2-Dibromoethane	10.945	107	2874	0.80	ug/l	93
64) Tetrachloroethene	10.569	164	3404	0.94	ug/l	89
65) Chlorobenzene	11.377	112	8041	0.95	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.449	131	3085	0.95	ug/l #	63
67) Ethyl Benzene	11.454	91	10822	0.70	ug/l	99
68) m/p-Xylenes	11.564	106	7680	1.31	ug/l	99
69) o-Xylene	11.894	106	3884	0.69	ug/l	98
70) Styrene	11.921	104	4217	0.46	ug/l #	25
71) Bromoform	12.074	173	1946	0.72	ug/l #	86
73) Isopropylbenzene	12.195	105	8234	0.68	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.452	83	3744	0.96	ug/l #	90
76) 1,2,3-Trichloropropane	12.506	75	3094m	0.86	ug/l	
77) Bromobenzene	12.484	156	2247m	0.73	ug/l	
78) n-propylbenzene	12.541	91	7660	0.58	ug/l	92
79) 2-Chlorotoluene	12.618	91	5119	0.63	ug/l	86
80) 1,3,5-Trimethylbenzene	12.683	105	6762	0.68	ug/l	98
82) 4-Chlorotoluene	12.731	91	4928m	0.61	ug/l	
83) tert-Butylbenzene	12.938	119	6369	0.75	ug/l	87
84) 1,2,4-Trimethylbenzene	12.989	105	6192	0.64	ug/l	96
85) sec-Butylbenzene	13.115	105	7841	0.71	ug/l	97
86) p-Isopropyltoluene	13.238	119	5691	0.58	ug/l	99
87) 1,3-Dichlorobenzene	13.230	146	4181	0.82	ug/l	97
88) 1,4-Dichlorobenzene	13.305	146	5427m	1.02	ug/l	
89) n-Butylbenzene	13.581	91	5835m	0.72	ug/l	
90) Hexachloroethane	13.815	117	1908	1.06	ug/l	81
91) 1,2-Dichlorobenzene	13.611	146	4655m	0.92	ug/l	
92) 1,2-Dibromo-3-Chloropr...	14.254	75	887m	1.20	ug/l	
93) 1,2,4-Trichlorobenzene	14.997	180	2160m	0.70	ug/l	
94) Hexachlorobutadiene	15.110	225	1593	0.94	ug/l #	36
95) Naphthalene	15.282	128	4537	0.49	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.507	180	1902m	0.61	ug/l	

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

