

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100721\
 Data File : VN068835.D
 Acq On : 7 Oct 2021 12:23
 Operator : JC/MD
 Sample : VN1007WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2021 6:03:15 PM

Quant Time: Oct 08 05:56:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 14:41:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	413871	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	723106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	675507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	296565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	315532	51.88	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.76%			
35) Dibromofluoromethane	8.024	113	243540	51.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.54%			
50) Toluene-d8	10.443	98	972692	52.51	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.02%			
62) 4-Bromofluorobenzene	12.731	95	312081	45.09	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.18%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	70846	18.84	ug/l	98
3) Chloromethane	2.303	50	72503	16.64	ug/l	98
4) Vinyl Chloride	2.446	62	135859	17.48	ug/l	98
5) Bromomethane	2.859	94	130470	19.90	ug/l	97
6) Chloroethane	3.022	64	123226	17.61	ug/l	99
7) Trichlorofluoromethane	3.379	101	131896	19.75	ug/l	99
8) Diethyl Ether	3.832	74	40984	18.85	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.218	101	75850	20.58	ug/l	93
10) Methyl Iodide	4.428	142	78015	17.94	ug/l	94
11) Tert butyl alcohol	5.358	59	67966	94.00	ug/l	# 83
12) 1,1-Dichloroethene	4.186	96	62002	19.34	ug/l	83
13) Acrolein	4.044	56	27156	69.21	ug/l	98
14) Allyl chloride	4.846	41	98838	18.56	ug/l	# 83
15) Acrylonitrile	5.557	53	174719	92.32	ug/l	97
16) Acetone	4.285	43	164308	83.57	ug/l	95
17) Carbon Disulfide	4.537	76	119891	17.97	ug/l	97
18) Methyl Acetate	4.857	43	113476	18.87	ug/l	# 90
19) Methyl tert-butyl Ether	5.618	73	255473	18.73	ug/l	100
20) Methylene Chloride	5.098	84	81970	18.93	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	68660	19.18	ug/l	83
22) Diisopropyl ether	6.495	45	250413	19.37	ug/l	94
23) Vinyl Acetate	6.431	43	940001	93.13	ug/l	# 95
24) 1,1-Dichloroethane	6.391	63	145456	19.40	ug/l	99
25) 2-Butanone	7.332	43	252815	91.06	ug/l	94
26) 2,2-Dichloropropane	7.332	77	130278	18.15	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	91500	18.87	ug/l	86
28) Bromochloromethane	7.659	49	77423	19.01	ug/l	# 78
29) Tetrahydrofuran	7.683	42	155975	91.95	ug/l	88
30) Chloroform	7.818	83	174172	19.59	ug/l	99
31) Cyclohexane	8.099	56	114467	18.26	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	150929	19.08	ug/l	99
36) 1,1-Dichloropropene	8.223	75	109525	19.16	ug/l	96
37) Ethyl Acetate	7.410	43	101930	18.67	ug/l	99
38) Carbon Tetrachloride	8.209	117	127520	18.52	ug/l	97
39) Methylcyclohexane	9.462	83	118571	18.52	ug/l	89
40) Benzene	8.461	78	341590	19.13	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	47852	17.53	ug/l #	82
42) 1,2-Dichloroethane	8.534	62	133161	18.77	ug/l	95
43) Isopropyl Acetate	8.560	43	190451	19.20	ug/l	98
44) Trichloroethene	9.217	130	85841	18.57	ug/l	88
45) 1,2-Dichloropropane	9.494	63	89597	19.35	ug/l	100
46) Dibromomethane	9.577	93	68609	19.06	ug/l	94
47) Bromodichloromethane	9.762	83	139020	19.23	ug/l	99
48) Methyl methacrylate	9.561	41	75898	17.91	ug/l #	76
49) 1,4-Dioxane	9.572	88	34634	375.54	ug/l #	86
51) 4-Methyl-2-Pentanone	10.331	43	580580	91.92	ug/l	98
52) Toluene	10.505	92	228416	19.02	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	136863	18.52	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	143239	18.84	ug/l	96
55) 1,1,2-Trichloroethane	10.899	97	95150	18.99	ug/l	98
56) Ethyl methacrylate	10.762	69	130674	18.57	ug/l	93
57) 1,3-Dichloropropane	11.047	76	154422	19.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	175944	112.97	ug/l #	90
59) 2-Hexanone	11.087	43	399855	87.77	ug/l	97
60) Dibromochloromethane	11.240	129	105003	18.69	ug/l	100
61) 1,2-Dibromoethane	11.347	107	93870	18.43	ug/l	100
64) Tetrachloroethene	10.980	164	79931	19.78	ug/l	91
65) Chlorobenzene	11.771	112	252680	19.26	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	101037	19.65	ug/l	99
67) Ethyl Benzene	11.846	91	450031	19.15	ug/l	98
68) m/p-Xylenes	11.956	106	343394	38.43	ug/l	86
69) o-Xylene	12.283	106	166743	18.74	ug/l	89
70) Styrene	12.296	104	276026	18.63	ug/l	93
71) Bromoform	12.460	173	71243	18.87	ug/l #	99
73) Isopropylbenzene	12.581	105	453975	19.38	ug/l	98
74) N-amyl acetate	12.390	43	141809	17.89	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	137156	19.43	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	123791m	21.18	ug/l	
77) Bromobenzene	12.862	156	102301	19.17	ug/l	73
78) n-propylbenzene	12.921	91	519304	19.49	ug/l	97
79) 2-Chlorotoluene	13.010	91	310836	19.59	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	371844	19.18	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.626	75	36461	18.07	ug/l	98
82) 4-Chlorotoluene	13.106	91	298339	18.94	ug/l	91
83) tert-Butylbenzene	13.326	119	332523	19.42	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	369250	19.42	ug/l	95
85) sec-Butylbenzene	13.503	105	471770	19.36	ug/l	96
86) p-Isopropyltoluene	13.619	119	373201	18.92	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	187843	18.76	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	187196	18.95	ug/l	96
89) n-Butylbenzene	13.943	91	308679	18.55	ug/l	96
90) Hexachloroethane	14.211	117	73626	19.31	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	188038	19.52	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	21773	18.06	ug/l	67
93) 1,2,4-Trichlorobenzene	15.265	180	74548	16.90	ug/l	96
94) Hexachlorobutadiene	15.373	225	45740	19.41	ug/l	96
95) Naphthalene	15.509	128	170168	14.46	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	72247	17.80	ug/l	99

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

