

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
 Data File : VN068996.D
 Acq On : 18 Oct 2021 23:07
 Operator : JC/MD
 Sample : VN1018WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/19/2021 5:23:37 PM

Quant Time: Oct 19 09:57:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	307568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	563682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	512188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	211430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	229796	56.667	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.340%			
35) Dibromofluoromethane	8.024	113	178130	54.315	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.640%			
50) Toluene-d8	10.443	98	714864	54.478	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.960%			
62) 4-Bromofluorobenzene	12.733	95	253497	51.203	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.400%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	65663	17.962	ug/l	95
3) Chloromethane	2.303	50	79272	21.087	ug/l	100
4) Vinyl Chloride	2.443	62	89523	23.445	ug/l	98
5) Bromomethane	2.848	94	61830	29.439	ug/l	98
6) Chloroethane	3.014	64	56368	25.049	ug/l	98
7) Trichlorofluoromethane	3.373	101	112247	20.993	ug/l	100
8) Diethyl Ether	3.827	74	42690	21.405	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.213	101	61469	21.381	ug/l #	72
10) Methyl Iodide	4.425	142	77267	18.517	ug/l	99
11) Tert butyl alcohol	5.363	59	77577	104.694	ug/l	100
12) 1,1-Dichloroethene	4.186	96	61081	20.553	ug/l	97
13) Acrolein	4.044	56	34841	106.290	ug/l	100
14) Allyl chloride	4.843	41	106094	19.914	ug/l	97
15) Acrylonitrile	5.554	53	181285	109.185	ug/l	100
16) Acetone	4.288	43	149903	99.056	ug/l	100
17) Carbon Disulfide	4.537	76	156354	19.385	ug/l	100
18) Methyl Acetate	4.859	43	131813	22.964	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	236047	21.331	ug/l	100
20) Methylene Chloride	5.100	84	76153	21.863	ug/l	95
21) trans-1,2-Dichloroethene	5.605	96	65172	20.298	ug/l	94
22) Diisopropyl ether	6.495	45	229465	20.712	ug/l	99
23) Vinyl Acetate	6.433	43	867497	103.574	ug/l	99
24) 1,1-Dichloroethane	6.391	63	128698	21.380	ug/l	99
25) 2-Butanone	7.335	43	247188	108.018	ug/l	98
26) 2,2-Dichloropropane	7.327	77	99437	17.334	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	79743	20.546	ug/l	97
28) Bromochloromethane	7.662	49	62160	22.800	ug/l	99
29) Tetrahydrofuran	7.686	42	165550	111.531	ug/l	98
30) Chloroform	7.820	83	135827	21.411	ug/l	99
31) Cyclohexane	8.096	56	122206	19.382	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	121779	20.592	ug/l	99
36) 1,1-Dichloropropene	8.225	75	97176	20.183	ug/l	99
37) Ethyl Acetate	7.412	43	103540	20.822	ug/l	99
38) Carbon Tetrachloride	8.209	117	104105	19.688	ug/l	97
39) Methylcyclohexane	9.461	83	119729	19.320	ug/l	96
40) Benzene	8.461	78	301775	20.583	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	49753	19.849	ug/l	94
42) 1,2-Dichloroethane	8.531	62	108349	20.870	ug/l	100
43) Isopropyl Acetate	8.560	43	190697	21.735	ug/l	98
44) Trichloroethene	9.217	130	72624	19.792	ug/l	100
45) 1,2-Dichloropropane	9.491	63	77416	20.349	ug/l	97
46) Dibromomethane	9.579	93	53176	20.477	ug/l	98
47) Bromodichloromethane	9.762	83	109041	20.262	ug/l	97
48) Methyl methacrylate	9.561	41	76616	18.585	ug/l	89
49) 1,4-Dioxane	9.566	88	31041	408.202	ug/l	94
51) 4-Methyl-2-Pentanone	10.330	43	537804	105.714	ug/l	100
52) Toluene	10.507	92	194130	20.581	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	117678	19.305	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	123812	19.522	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	76898	20.677	ug/l	99
56) Ethyl methacrylate	10.762	69	127282	20.384	ug/l	98
57) 1,3-Dichloropropane	11.046	76	128239	20.912	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	165791	102.247	ug/l	99
59) 2-Hexanone	11.087	43	389304	106.708	ug/l	100
60) Dibromochloromethane	11.240	129	81549	19.427	ug/l	98
61) 1,2-Dibromoethane	11.347	107	79001	20.710	ug/l	99
64) Tetrachloroethene	10.979	164	61384	18.604	ug/l	97
65) Chlorobenzene	11.771	112	203358	20.982	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	76963	20.288	ug/l	100
67) Ethyl Benzene	11.846	91	374427	20.797	ug/l	99
68) m/p-Xylenes	11.956	106	279473	40.949	ug/l	100
69) o-Xylene	12.283	106	136989	20.053	ug/l	97
70) Styrene	12.296	104	225213	20.253	ug/l	99
71) Bromoform	12.460	173	55069	18.122	ug/l #	99
73) Isopropylbenzene	12.580	105	363087	20.632	ug/l	100
74) N-amyl acetate	12.390	43	141742	21.259	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.830	83	114299	22.474	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	89896m	19.983	ug/l	
77) Bromobenzene	12.862	156	78413	20.150	ug/l	97
78) n-propylbenzene	12.921	91	407985	20.629	ug/l	100
79) 2-Chlorotoluene	13.010	91	252757	20.735	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	299958	20.463	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	33514	17.823	ug/l	97
82) 4-Chlorotoluene	13.106	91	243600	20.680	ug/l	100
83) tert-Butylbenzene	13.326	119	263432	20.645	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	291341	20.628	ug/l	100
85) sec-Butylbenzene	13.503	105	365477	20.681	ug/l	99
86) p-Isopropyltoluene	13.618	119	286195	20.191	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	137765	20.467	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	136597	20.446	ug/l	98
89) n-Butylbenzene	13.946	91	232246	19.681	ug/l	100
90) Hexachloroethane	14.211	117	58990	19.812	ug/l	93
91) 1,2-Dichlorobenzene	13.989	146	136039	20.805	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	21143	21.562	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	58707	18.274	ug/l	99
94) Hexachlorobutadiene	15.372	225	34015	18.269	ug/l	98
95) Naphthalene	15.507	128	170503	19.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	58803	19.042	ug/l	98

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

