

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081021\
 Data File : VN068054.D
 Acq On : 10 Aug 2021 11:58
 Operator : JC/MD
 Sample : VN0810WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/11/2021 5:05:26 PM

Quant Time: Aug 11 06:30:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	382451	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	691817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	651317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	295073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	277869	51.322	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.640%	
35) Dibromofluoromethane	8.024	113	210722	52.265	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.520%	
50) Toluene-d8	10.443	98	853283	46.178	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 92.360%	
62) 4-Bromofluorobenzene	12.733	95	294761	43.948	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 87.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	75853	19.356	ug/l	98
3) Chloromethane	2.301	50	94571	19.427	ug/l	98
4) Vinyl Chloride	2.443	62	144887	19.076	ug/l	97
5) Bromomethane	2.848	94	130797	19.323	ug/l	96
6) Chloroethane	3.017	64	114321	19.412	ug/l	97
7) Trichlorofluoromethane	3.371	101	278754	20.254	ug/l	99
8) Diethyl Ether	3.819	74	52412	20.041	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.199	101	82745	20.856	ug/l	95
10) Methyl Iodide	4.417	142	91290	19.637	ug/l	92
11) Tert butyl alcohol	5.390	59	76519	105.482	ug/l	96
12) 1,1-Dichloroethene	4.173	96	73348	20.226	ug/l	87
13) Acrolein	4.038	56	51057	103.711	ug/l	98
14) Allyl chloride	4.835	41	125354	20.354	ug/l	95
15) Acrylonitrile	5.556	53	218735	107.582	ug/l	98
16) Acetone	4.291	43	185023	93.658	ug/l	93
17) Carbon Disulfide	4.521	76	195250	18.564	ug/l	98
18) Methyl Acetate	4.856	43	102529	21.528	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	286212	21.025	ug/l	97
20) Methylene Chloride	5.098	84	97286	21.163	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	86431	20.492	ug/l	89
22) Diisopropyl ether	6.501	45	290837	21.273	ug/l	96
23) Vinyl Acetate	6.433	43	1182402	97.131	ug/l	96
24) 1,1-Dichloroethane	6.385	63	165285	20.905	ug/l	99
25) 2-Butanone	7.340	43	291620	101.750	ug/l	91
26) 2,2-Dichloropropane	7.327	77	145078	20.980	ug/l	94
27) cis-1,2-Dichloroethene	7.329	96	103196	20.580	ug/l	86
28) Bromochloromethane	7.656	49	79005	20.950	ug/l	# 82
29) Tetrahydrofuran	7.689	42	190124	103.592	ug/l	93
30) Chloroform	7.817	83	181867	20.769	ug/l	95
31) Cyclohexane	8.096	56	154321	19.322	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	160321	21.196	ug/l	98
36) 1,1-Dichloropropene	8.222	75	131855	20.605	ug/l	96
37) Ethyl Acetate	7.418	43	110580	18.361	ug/l	96
38) Carbon Tetrachloride	8.206	117	134855	21.428	ug/l	99
39) Methylcyclohexane	9.461	83	144005	20.823	ug/l	91
40) Benzene	8.461	78	395420	20.872	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	61978	21.603	ug/l	94
42) 1,2-Dichloroethane	8.531	62	145604	20.809	ug/l	95
43) Isopropyl Acetate	8.563	43	208336	20.760	ug/l	96
44) Trichloroethene	9.217	130	101165	21.112	ug/l	87
45) 1,2-Dichloropropane	9.494	63	103277	21.880	ug/l	100
46) Dibromomethane	9.582	93	72490	21.241	ug/l	95
47) Bromodichloromethane	9.764	83	143783	22.107	ug/l	97
48) Methyl methacrylate	9.563	41	88669	19.209	ug/l	89
49) 1,4-Dioxane	9.571	88	33881	424.434	ug/l	91
51) 4-Methyl-2-Pentanone	10.333	43	651287	97.141	ug/l	96
52) Toluene	10.507	92	263589	21.413	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	145904	19.485	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	159718	20.131	ug/l	89
55) 1,1,2-Trichloroethane	10.902	97	103566	21.700	ug/l	96
56) Ethyl methacrylate	10.765	69	146701	19.135	ug/l	91
57) 1,3-Dichloropropane	11.046	76	170689	21.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.046	63	108086	82.000	ug/l	93
59) 2-Hexanone	11.089	43	452064	95.406	ug/l	94
60) Dibromochloromethane	11.240	129	104627	19.697	ug/l	100
61) 1,2-Dibromoethane	11.350	107	104510	21.323	ug/l	98
64) Tetrachloroethene	10.979	164	94725	20.306	ug/l	93
65) Chlorobenzene	11.773	112	281607	21.258	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	104667	20.720	ug/l	100
67) Ethyl Benzene	11.848	91	503503	21.344	ug/l	94
68) m/p-Xylenes	11.956	106	389707	40.340	ug/l	87
69) o-Xylene	12.283	106	186372	21.490	ug/l	89
70) Styrene	12.296	104	307005	19.637	ug/l	93
71) Bromoform	12.460	173	66380	18.690	ug/l #	97
73) Isopropylbenzene	12.583	105	484716	20.134	ug/l	98
74) N-amyl acetate	12.390	43	156965	18.758	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.827	83	148174	20.368	ug/l	97
76) 1,2,3-Trichloropropane	12.884	75	125103m	21.111	ug/l	
77) Bromobenzene	12.865	156	113217	20.482	ug/l	73
78) n-propylbenzene	12.924	91	558039	20.541	ug/l	97
79) 2-Chlorotoluene	13.010	91	338582	20.449	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	404308	20.720	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	37190	19.776	ug/l	99
82) 4-Chlorotoluene	13.109	91	334256	20.107	ug/l	93
83) tert-Butylbenzene	13.326	119	331269	20.417	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	399620	21.137	ug/l	94
85) sec-Butylbenzene	13.506	105	466102	20.537	ug/l	96
86) p-Isopropyltoluene	13.618	119	377720	20.919	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	205793	20.269	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	204325	20.379	ug/l	96
89) n-Butylbenzene	13.946	91	304803	19.686	ug/l	98
90) Hexachloroethane	14.214	117	67539	21.869	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	193164	20.205	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	23988	20.653	ug/l	76
93) 1,2,4-Trichlorobenzene	15.265	180	75508	19.222	ug/l	99
94) Hexachlorobutadiene	15.372	225	40996	20.637	ug/l	98
95) Naphthalene	15.509	128	188168	17.462	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	71320	19.127	ug/l	97

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

