

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
 Data File : VN068013.D
 Acq On : 5 Aug 2021 14:05
 Operator : JC/MD
 Sample : VN0805WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:43:04 PM

Quant Time: Aug 05 15:55:47 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	375414	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	679932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	639968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	284957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	292450	55.027	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.060%
35) Dibromofluoromethane	8.021	113	223804	56.480	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	112.960%
50) Toluene-d8	10.443	98	885196	48.528	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.733	95	306617	46.224	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.440%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	74614	19.397	ug/l	99
3) Chloromethane	2.301	50	86859	18.178	ug/l	99
4) Vinyl Chloride	2.443	62	131023	17.574	ug/l	97
5) Bromomethane	2.858	94	109548	16.487	ug/l	100
6) Chloroethane	3.019	64	101940	17.634	ug/l	98
7) Trichlorofluoromethane	3.371	101	249613	18.477	ug/l	98
8) Diethyl Ether	3.824	74	47583	18.536	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.202	101	76022	19.521	ug/l	95
10) Methyl Iodide	4.414	142	87805	19.304	ug/l	91
11) Tert butyl alcohol	5.382	59	70513	99.025	ug/l	99
12) 1,1-Dichloroethene	4.173	96	68377	19.208	ug/l	85
13) Acrolein	4.039	56	61869	128.029	ug/l	99
14) Allyl chloride	4.835	41	111342	18.418	ug/l	95
15) Acrylonitrile	5.557	53	204921	102.677	ug/l	100
16) Acetone	4.288	43	182909	94.323	ug/l	90
17) Carbon Disulfide	4.527	76	180181	17.453	ug/l	96
18) Methyl Acetate	4.857	43	95133	20.344	ug/l	96
19) Methyl tert-butyl Ether	5.618	73	266889	19.973	ug/l	99
20) Methylene Chloride	5.093	84	91293	20.219	ug/l	86
21) trans-1,2-Dichloroethene	5.594	96	79703	19.251	ug/l	89
22) Diisopropyl ether	6.498	45	262925	19.592	ug/l	97
23) Vinyl Acetate	6.434	43	1112087	93.435	ug/l	95
24) 1,1-Dichloroethane	6.388	63	149589	19.274	ug/l	99
25) 2-Butanone	7.340	43	276025	98.114	ug/l	95
26) 2,2-Dichloropropane	7.324	77	129154	19.027	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	94219	19.142	ug/l	86
28) Bromochloromethane	7.659	49	63988	17.286	ug/l	# 79
29) Tetrahydrofuran	7.691	42	184672	102.508	ug/l	94
30) Chloroform	7.817	83	164597	19.149	ug/l	98
31) Cyclohexane	8.094	56	136070	17.356	ug/l	92
32) 1,1,1-Trichloroethane	8.013	97	143774	19.364	ug/l	98
36) 1,1-Dichloropropene	8.222	75	115390	18.347	ug/l	95
37) Ethyl Acetate	7.415	43	115884	19.578	ug/l	100
38) Carbon Tetrachloride	8.206	117	118767	19.202	ug/l	97
39) Methylcyclohexane	9.461	83	130299	19.171	ug/l	92
40) Benzene	8.461	78	362050	19.445	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	59489	21.098	ug/l	91
42) 1,2-Dichloroethane	8.531	62	134598	19.572	ug/l	97
43) Isopropyl Acetate	8.563	43	198016	20.076	ug/l	96
44) Trichloroethene	9.217	130	92318	19.602	ug/l	85
45) 1,2-Dichloropropane	9.491	63	90648	19.540	ug/l	100
46) Dibromomethane	9.579	93	66328	19.775	ug/l	94
47) Bromodichloromethane	9.762	83	125931	19.700	ug/l	97
48) Methyl methacrylate	9.561	41	84030	18.604	ug/l	93
49) 1,4-Dioxane	9.574	88	29801	379.849	ug/l	91
51) 4-Methyl-2-Pentanone	10.333	43	614805	93.799	ug/l	95
52) Toluene	10.507	92	239657	19.809	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	132926	18.269	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	139731	18.179	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	93360	19.904	ug/l	97
56) Ethyl methacrylate	10.762	69	135907	18.214	ug/l	91
57) 1,3-Dichloropropane	11.047	76	157300	20.566	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	116074	87.428	ug/l	94
59) 2-Hexanone	11.089	43	429807	92.728	ug/l	94
60) Dibromochloromethane	11.240	129	95377	18.508	ug/l	100
61) 1,2-Dibromoethane	11.347	107	96066	19.942	ug/l	99
64) Tetrachloroethene	10.979	164	84782	18.497	ug/l	96
65) Chlorobenzene	11.773	112	249302	19.153	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	89528	18.277	ug/l	97
67) Ethyl Benzene	11.848	91	447310	19.298	ug/l	95
68) m/p-Xylenes	11.956	106	345207	36.767	ug/l	87
69) o-Xylene	12.283	106	167317	19.635	ug/l	88
70) Styrene	12.296	104	281415	18.496	ug/l	92
71) Bromoform	12.460	173	61354	17.821	ug/l #	98
73) Isopropylbenzene	12.581	105	426145	18.330	ug/l	98
74) N-amyl acetate	12.390	43	151017	18.688	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.830	83	134094	19.087	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	114974m	20.091	ug/l	
77) Bromobenzene	12.862	156	96944	18.161	ug/l	80
78) n-propylbenzene	12.921	91	495012	18.868	ug/l	96
79) 2-Chlorotoluene	13.010	91	295729	18.495	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	362500	19.237	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	34271	19.036	ug/l	99
82) 4-Chlorotoluene	13.106	91	300820	18.738	ug/l	91
83) tert-Butylbenzene	13.326	119	297375	18.979	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	352706	19.318	ug/l	94
85) sec-Butylbenzene	13.503	105	410897	18.748	ug/l	96
86) p-Isopropyltoluene	13.619	119	337007	19.327	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	182072	18.570	ug/l	95
88) 1,4-Dichlorobenzene	13.699	146	183599	18.962	ug/l	97
89) n-Butylbenzene	13.946	91	280211	18.740	ug/l	98
90) Hexachloroethane	14.214	117	57962	19.434	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	176251	19.090	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	22228	19.817	ug/l	73
93) 1,2,4-Trichlorobenzene	15.265	180	71248	18.838	ug/l	99
94) Hexachlorobutadiene	15.373	225	38007	19.811	ug/l	99
95) Naphthalene	15.509	128	198967	18.823	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	69714	19.331	ug/l	99

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

