

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092321\
 Data File : VN068632.D
 Acq On : 23 Sep 2021 20:23
 Operator : JC/MD
 Sample : VN0923WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:59:04 PM

Quant Time: Sep 24 01:59:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	545836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	938749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	872243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	357281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	454480	53.443	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.880%			
35) Dibromofluoromethane	8.021	113	310444	49.389	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.780%			
50) Toluene-d8	10.443	98	1257566	47.235	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.460%			
62) 4-Bromofluorobenzene	12.733	95	412121	45.261	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	108453	18.586	ug/l	98
3) Chloromethane	2.301	50	156707	16.283	ug/l	99
4) Vinyl Chloride	2.443	62	190522	20.387	ug/l	98
5) Bromomethane	2.842	94	100364	21.551	ug/l	100
6) Chloroethane	3.011	64	116147	22.589	ug/l	98
7) Trichlorofluoromethane	3.371	101	202994	18.668	ug/l	97
8) Diethyl Ether	3.827	74	69762	18.262	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.213	101	106058	18.247	ug/l	93
10) Methyl Iodide	4.425	142	106987	15.313	ug/l	93
11) Tert butyl alcohol	5.371	59	115943	88.397	ug/l	100
12) 1,1-Dichloroethene	4.183	96	97854	17.724	ug/l	97
13) Acrolein	4.044	56	38590	98.020	ug/l	97
14) Allyl chloride	4.843	41	199059	17.370	ug/l	98
15) Acrylonitrile	5.556	53	318407	90.065	ug/l	98
16) Acetone	4.288	43	296337	88.472	ug/l	98
17) Carbon Disulfide	4.532	76	281179	17.177	ug/l	100
18) Methyl Acetate	4.856	43	223553	17.836	ug/l	99
19) Methyl tert-butyl Ether	5.621	73	386693	18.667	ug/l	98
20) Methylene Chloride	5.100	84	129061	18.746	ug/l	95
21) trans-1,2-Dichloroethene	5.602	96	107386	17.885	ug/l	97
22) Diisopropyl ether	6.498	45	438368	18.567	ug/l	98
23) Vinyl Acetate	6.436	43	1735478	93.381	ug/l	100
24) 1,1-Dichloroethane	6.391	63	224427	18.336	ug/l	100
25) 2-Butanone	7.335	43	484288	93.226	ug/l	96
26) 2,2-Dichloropropane	7.329	77	174645	16.722	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	130512	18.449	ug/l	93
28) Bromochloromethane	7.659	49	89039	16.325	ug/l	91
29) Tetrahydrofuran	7.686	42	318364	96.416	ug/l	97
30) Chloroform	7.820	83	241919	19.492	ug/l	98
31) Cyclohexane	8.096	56	220570	18.448	ug/l	94
32) 1,1,1-Trichloroethane	8.018	97	212636	19.571	ug/l	98
36) 1,1-Dichloropropene	8.222	75	174299	18.384	ug/l	97
37) Ethyl Acetate	7.415	43	200998	18.673	ug/l	98
38) Carbon Tetrachloride	8.209	117	186921	19.088	ug/l	99
39) Methylcyclohexane	9.461	83	200125	18.019	ug/l	97
40) Benzene	8.461	78	513341	18.450	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	101950	17.908	ug/l	98
42) 1,2-Dichloroethane	8.531	62	211044	19.492	ug/l	100
43) Isopropyl Acetate	8.563	43	348956	18.951	ug/l	98
44) Trichloroethene	9.217	130	123231	18.376	ug/l	86
45) 1,2-Dichloropropane	9.491	63	135513	18.498	ug/l	99
46) Dibromomethane	9.579	93	92856	19.171	ug/l	94
47) Bromodichloromethane	9.764	83	191125	19.029	ug/l	99
48) Methyl methacrylate	9.561	41	153133	18.208	ug/l	96
49) 1,4-Dioxane	9.569	88	43970	358.416	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	1060515	95.236	ug/l	99
52) Toluene	10.507	92	331792	18.816	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	207461	18.723	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	209692	18.114	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	127754	18.689	ug/l	97
56) Ethyl methacrylate	10.762	69	213554	17.926	ug/l	99
57) 1,3-Dichloropropane	11.046	76	224139	18.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	304097	100.740	ug/l	97
59) 2-Hexanone	11.087	43	782940	97.773	ug/l	98
60) Dibromochloromethane	11.240	129	143933	19.484	ug/l	98
61) 1,2-Dibromoethane	11.349	107	134055	19.173	ug/l	100
64) Tetrachloroethene	10.979	164	108449	18.934	ug/l	95
65) Chlorobenzene	11.773	112	337009	18.289	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.843	131	134013	19.921	ug/l	99
67) Ethyl Benzene	11.846	91	631372	18.807	ug/l	99
68) m/p-Xylenes	11.956	106	462428	37.528	ug/l	91
69) o-Xylene	12.283	106	223287	18.445	ug/l	93
70) Styrene	12.296	104	359803	18.479	ug/l	96
71) Bromoform	12.460	173	94120	18.547	ug/l #	100
73) Isopropylbenzene	12.581	105	588708	18.377	ug/l	98
74) N-amyl acetate	12.390	43	253639	18.550	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	181121	18.042	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	156230m	17.685	ug/l	
77) Bromobenzene	12.862	156	127782	17.398	ug/l	83
78) n-propylbenzene	12.921	91	666596	18.324	ug/l	97
79) 2-Chlorotoluene	13.010	91	402241	18.301	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	475593	18.904	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	53759	17.190	ug/l	97
82) 4-Chlorotoluene	13.106	91	383659	17.963	ug/l	94
83) tert-Butylbenzene	13.326	119	418268	18.304	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	467847	19.075	ug/l	95
85) sec-Butylbenzene	13.503	105	572991	18.431	ug/l	96
86) p-Isopropyltoluene	13.618	119	464331	18.653	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	225262	18.075	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	220503	17.422	ug/l	98
89) n-Butylbenzene	13.946	91	378678	17.533	ug/l	98
90) Hexachloroethane	14.211	117	89224	18.170	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	218903	18.110	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	34603	18.600	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	103329	17.234	ug/l	98
94) Hexachlorobutadiene	15.372	225	56997	17.689	ug/l	99
95) Naphthalene	15.507	128	282438	17.490	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	101684	17.358	ug/l	97

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

