

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082021\
 Data File : VN068241.D
 Acq On : 20 Aug 2021 13:33
 Operator : JC/MD
 Sample : VN0820WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/24/2021 6:17:17 PM

Quant Time: Aug 20 23:57:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	556632	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	856291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	815035	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	379908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	297643	50.080	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.160%	
35) Dibromofluoromethane	8.024	113	274805	51.117	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.240%	
50) Toluene-d8	10.443	98	1052056	51.359	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.720%	
62) 4-Bromofluorobenzene	12.733	95	343915	50.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.860%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	92264	20.919	ug/l	100
3) Chloromethane	2.303	50	100711	20.211	ug/l	98
4) Vinyl Chloride	2.443	62	160038	20.496	ug/l	97
5) Bromomethane	2.850	94	149193	22.515	ug/l	99
6) Chloroethane	3.014	64	119078	23.053	ug/l	98
7) Trichlorofluoromethane	3.371	101	313823	20.445	ug/l	99
8) Diethyl Ether	3.821	74	105751	29.701	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.202	101	99128	21.121	ug/l #	83
10) Methyl Iodide	4.414	142	134598	20.169	ug/l	90
11) Tert butyl alcohol	5.393	59	82374	111.140	ug/l #	86
12) 1,1-Dichloroethene	4.170	96	90824	20.127	ug/l #	73
13) Acrolein	4.041	56	60865	119.764	ug/l	97
14) Allyl chloride	4.835	41	121621	21.085	ug/l #	94
15) Acrylonitrile	5.556	53	234024	112.072	ug/l	100
16) Acetone	4.293	43	200971	115.816	ug/l	93
17) Carbon Disulfide	4.524	76	224381	19.235	ug/l	98
18) Methyl Acetate	4.859	43	112018	23.588	ug/l #	87
19) Methyl tert-butyl Ether	5.618	73	314552	21.621	ug/l	94
20) Methylene Chloride	5.090	84	113375	22.445	ug/l #	82
21) trans-1,2-Dichloroethene	5.594	96	101679	20.127	ug/l #	80
22) Diisopropyl ether	6.500	45	271658	21.559	ug/l #	94
23) Vinyl Acetate	6.439	43	1051789	107.236	ug/l #	88
24) 1,1-Dichloroethane	6.385	63	175295	20.822	ug/l	96
25) 2-Butanone	7.343	43	303529	112.240	ug/l #	85
26) 2,2-Dichloropropane	7.327	77	160729	22.282	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	124921	20.651	ug/l	76
28) Bromochloromethane	7.659	49	60144	16.246	ug/l #	43
29) Tetrahydrofuran	7.691	42	196702	113.735	ug/l #	79
30) Chloroform	7.817	83	205552	20.496	ug/l	99
31) Cyclohexane	8.094	56	156608	20.006	ug/l #	80
32) 1,1,1-Trichloroethane	8.016	97	195124	21.817	ug/l	94
36) 1,1-Dichloropropene	8.222	75	140677	20.097	ug/l	90
37) Ethyl Acetate	7.418	43	124635	20.900	ug/l	96
38) Carbon Tetrachloride	8.206	117	168874	20.917	ug/l	97
39) Methylcyclohexane	9.461	83	178666	22.600	ug/l #	85
40) Benzene	8.461	78	452286	21.170	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	58866	21.621	ug/l #	84
42) 1,2-Dichloroethane	8.531	62	156110	21.451	ug/l	93
43) Isopropyl Acetate	8.566	43	208092	21.785	ug/l #	89
44) Trichloroethene	9.217	130	132685	20.652	ug/l	77
45) 1,2-Dichloropropane	9.494	63	108002	21.492	ug/l	99
46) Dibromomethane	9.579	93	85281	20.804	ug/l #	76
47) Bromodichloromethane	9.764	83	161912	21.254	ug/l #	96
48) Methyl methacrylate	9.563	41	88250	22.170	ug/l #	79
49) 1,4-Dioxane	9.574	88	41448	430.780	ug/l #	80
51) 4-Methyl-2-Pentanone	10.333	43	662056	112.830	ug/l	89
52) Toluene	10.507	92	315152	21.638	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	161881	21.635	ug/l	100
54) cis-1,3-Dichloropropene	10.194	75	173013	21.342	ug/l #	83
55) 1,1,2-Trichloroethane	10.902	97	125255	21.520	ug/l	94
56) Ethyl methacrylate	10.765	69	163066	21.816	ug/l #	81
57) 1,3-Dichloropropane	11.049	76	188219	20.996	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	111283	82.981	ug/l #	83
59) 2-Hexanone	11.089	43	464989	114.126	ug/l	88
60) Dibromochloromethane	11.240	129	141546	21.556	ug/l	98
61) 1,2-Dibromoethane	11.349	107	131551	21.793	ug/l	99
64) Tetrachloroethene	10.979	164	130620	20.726	ug/l	90
65) Chlorobenzene	11.773	112	350197	20.985	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	137593	21.858	ug/l	99
67) Ethyl Benzene	11.848	91	574589	20.874	ug/l	93
68) m/p-Xylenes	11.956	106	476382	43.263	ug/l	78
69) o-Xylene	12.283	106	228943	21.518	ug/l	80
70) Styrene	12.296	104	369019	21.669	ug/l #	90
71) Bromoform	12.460	173	108367	21.466	ug/l #	99
73) Isopropylbenzene	12.581	105	584118	21.619	ug/l	95
74) N-amyl acetate	12.390	43	149975	21.316	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.830	83	174233	21.502	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	138808m	21.983	ug/l	
77) Bromobenzene	12.865	156	161470	21.692	ug/l	55
78) n-propylbenzene	12.924	91	622571	21.480	ug/l	90
79) 2-Chlorotoluene	13.010	91	380826	21.246	ug/l	83
80) 1,3,5-Trimethylbenzene	13.063	105	493194	22.563	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.629	75	42483	22.042	ug/l	89
82) 4-Chlorotoluene	13.109	91	369949	21.264	ug/l	85
83) tert-Butylbenzene	13.326	119	432399	22.277	ug/l	83
84) 1,2,4-Trimethylbenzene	13.372	105	479565	22.475	ug/l	91
85) sec-Butylbenzene	13.506	105	583341	22.825	ug/l	93
86) p-Isopropyltoluene	13.618	119	484182	22.952	ug/l	90
87) 1,3-Dichlorobenzene	13.618	146	272542	21.472	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	261899	20.367	ug/l	91
89) n-Butylbenzene	13.946	91	337895	21.471	ug/l	94
90) Hexachloroethane	14.214	117	87366	22.320	ug/l	73
91) 1,2-Dichlorobenzene	13.991	146	259182	21.447	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.605	75	26871	21.893	ug/l #	34
93) 1,2,4-Trichlorobenzene	15.265	180	115040	19.862	ug/l	97
94) Hexachlorobutadiene	15.372	225	71974	21.991	ug/l	97
95) Naphthalene	15.509	128	256426	19.389	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	109485	19.997	ug/l	98

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

