

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081121\
 Data File : VN068067.D
 Acq On : 11 Aug 2021 12:52
 Operator : JC/MD
 Sample : VN0811WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/12/2021 4:51:12 PM

Quant Time: Aug 12 07:11:26 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	360058	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	649931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	621154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	276040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	276566	54.258	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.520%			
35) Dibromofluoromethane	8.021	113	207830	54.870	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.740%			
50) Toluene-d8	10.443	98	814223	46.843	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 93.680%			
62) 4-Bromofluorobenzene	12.734	95	281920	44.652	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	70316	19.059	ug/l	100
3) Chloromethane	2.301	50	89790	19.592	ug/l	95
4) Vinyl Chloride	2.440	62	132964	18.595	ug/l	100
5) Bromomethane	2.837	94	112515	17.656	ug/l	97
6) Chloroethane	3.009	64	106650	19.236	ug/l	99
7) Trichlorofluoromethane	3.368	101	253761	19.585	ug/l	100
8) Diethyl Ether	3.816	74	50591	20.548	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.202	101	78394	20.988	ug/l	95
10) Methyl Iodide	4.414	142	87785	19.990	ug/l	93
11) Tert butyl alcohol	5.388	59	79276	116.080	ug/l	# 81
12) 1,1-Dichloroethene	4.175	96	70019	20.508	ug/l	84
13) Acrolein	4.039	56	58649	126.542	ug/l	100
14) Allyl chloride	4.833	41	117442	20.255	ug/l	95
15) Acrylonitrile	5.557	53	223606	116.817	ug/l	99
16) Acetone	4.288	43	183389	98.604	ug/l	# 88
17) Carbon Disulfide	4.519	76	181650	18.345	ug/l	97
18) Methyl Acetate	4.857	43	108250	24.155	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	283217	22.098	ug/l	100
20) Methylene Chloride	5.090	84	94490	21.842	ug/l	85
21) trans-1,2-Dichloroethene	5.589	96	80621	20.303	ug/l	88
22) Diisopropyl ether	6.498	45	276481	21.481	ug/l	# 97
23) Vinyl Acetate	6.436	43	1172098	101.807	ug/l	# 95
24) 1,1-Dichloroethane	6.385	63	158477	21.290	ug/l	99
25) 2-Butanone	7.340	43	296688	109.956	ug/l	92
26) 2,2-Dichloropropane	7.321	77	123945	19.038	ug/l	93
27) cis-1,2-Dichloroethene	7.327	96	97099	20.569	ug/l	87
28) Bromochloromethane	7.657	49	73591	20.728	ug/l	# 80
29) Tetrahydrofuran	7.689	42	197022	114.027	ug/l	92
30) Chloroform	7.818	83	173571	21.054	ug/l	100
31) Cyclohexane	8.094	56	141107	18.766	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	150566	21.144	ug/l	98
36) 1,1-Dichloropropene	8.220	75	118149	19.653	ug/l	94
37) Ethyl Acetate	7.418	43	119612	21.141	ug/l	100
38) Carbon Tetrachloride	8.206	117	127275	21.527	ug/l	99
39) Methylcyclohexane	9.462	83	132881	20.453	ug/l	92
40) Benzene	8.461	78	373327	20.976	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	62500	23.189	ug/l	95
42) 1,2-Dichloroethane	8.531	62	141952	21.594	ug/l	96
43) Isopropyl Acetate	8.563	43	209846	22.258	ug/l	96
44) Trichloroethene	9.220	130	93486	20.767	ug/l	87
45) 1,2-Dichloropropane	9.491	63	97425	21.970	ug/l	98
46) Dibromomethane	9.577	93	71444	22.284	ug/l	95
47) Bromodichloromethane	9.765	83	137820	22.555	ug/l	98
48) Methyl methacrylate	9.561	41	87854	20.133	ug/l	91
49) 1,4-Dioxane	9.569	88	36525	487.044	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	664537	104.423	ug/l	95
52) Toluene	10.508	92	246376	21.304	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	140277	19.875	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	150742	20.214	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	99451	22.181	ug/l	96
56) Ethyl methacrylate	10.765	69	145384	20.015	ug/l	89
57) 1,3-Dichloropropane	11.047	76	165492	22.636	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	108213	85.848	ug/l	93
59) 2-Hexanone	11.087	43	460087	102.250	ug/l	92
60) Dibromochloromethane	11.240	129	100308	20.033	ug/l	100
61) 1,2-Dibromoethane	11.347	107	101246	21.988	ug/l	99
64) Tetrachloroethene	10.980	164	89691	20.161	ug/l	95
65) Chlorobenzene	11.773	112	266395	21.086	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.846	131	97617	20.303	ug/l	98
67) Ethyl Benzene	11.849	91	470554	20.916	ug/l	96
68) m/p-Xylenes	11.956	106	364098	39.602	ug/l	86
69) o-Xylene	12.283	106	177229	21.428	ug/l	86
70) Styrene	12.296	104	292043	19.593	ug/l	92
71) Bromoform	12.460	173	66703	19.477	ug/l #	99
73) Isopropylbenzene	12.583	105	445396	19.777	ug/l	97
74) N-amyl acetate	12.390	43	161692	20.655	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.830	83	146143	21.474	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	113833m	20.534	ug/l	
77) Bromobenzene	12.865	156	103927	20.098	ug/l	78
78) n-propylbenzene	12.924	91	514971	20.262	ug/l	96
79) 2-Chlorotoluene	13.010	91	315014	20.337	ug/l	90
80) 1,3,5-Trimethylbenzene	13.063	105	379723	20.802	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	36653	20.640	ug/l	97
82) 4-Chlorotoluene	13.109	91	316076	20.325	ug/l	93
83) tert-Butylbenzene	13.326	119	310651	20.467	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	365053	20.640	ug/l	93
85) sec-Butylbenzene	13.506	105	433824	20.433	ug/l	96
86) p-Isopropyltoluene	13.619	119	346512	20.514	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	194309	20.458	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	193240	20.602	ug/l	97
89) n-Butylbenzene	13.946	91	286507	19.780	ug/l	98
90) Hexachloroethane	14.214	117	62389	21.594	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	184920	20.676	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	24103	22.183	ug/l	73
93) 1,2,4-Trichlorobenzene	15.265	180	73481	19.896	ug/l	99
94) Hexachlorobutadiene	15.373	225	37090	19.958	ug/l	96
95) Naphthalene	15.509	128	201625	19.547	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	72519	20.584	ug/l	98

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

