

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090221\
 Data File : VN068389.D
 Acq On : 2 Sep 2021 16:52
 Operator : JC/MD
 Sample : VN0902WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2021 5:23:55 PM

Quant Time: Sep 03 01:25:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 02 14:59:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	649735	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	964195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	860141	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	423995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	316556	47.733	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.460%		
35) Dibromofluoromethane	8.024	113	289205	47.308	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.620%		
50) Toluene-d8	10.443	98	1066922	46.622	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.240%		
62) 4-Bromofluorobenzene	12.733	95	336011	44.741	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.480%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	107411	19.865	ug/l	99
3) Chloromethane	2.309	50	100705	17.772	ug/l	98
4) Vinyl Chloride	2.445	62	161181	18.655	ug/l	97
5) Bromomethane	2.845	94	146237	18.165	ug/l	97
6) Chloroethane	3.014	64	118236	19.091	ug/l	97
7) Trichlorofluoromethane	3.376	101	205650	11.978	ug/l	97
8) Diethyl Ether	3.829	74	65081	13.160	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.224	101	116417m	21.485	ug/l	
10) Methyl Iodide	4.427	142	162735	23.537	ug/l	89
11) Tert butyl alcohol	5.369	59	84882	97.881	ug/l	99
12) 1,1-Dichloroethene	4.186	96	106998	21.120	ug/l #	76
13) Acrolein	4.047	56	49383	87.679	ug/l	96
14) Allyl chloride	4.846	41	139229	21.847	ug/l #	91
15) Acrylonitrile	5.554	53	230989	97.422	ug/l	100
16) Acetone	4.288	43	238937	129.177	ug/l #	84
17) Carbon Disulfide	4.537	76	269020	19.693	ug/l	99
18) Methyl Acetate	4.856	43	120308	23.109	ug/l #	86
19) Methyl tert-butyl Ether	5.615	73	359108	21.931	ug/l	98
20) Methylene Chloride	5.103	84	120617	20.812	ug/l #	81
21) trans-1,2-Dichloroethene	5.599	96	116084	20.475	ug/l	84
22) Diisopropyl ether	6.498	45	307599	22.091	ug/l #	94
23) Vinyl Acetate	6.434	43	1136726	105.862	ug/l #	90
24) 1,1-Dichloroethane	6.388	63	197496	21.281	ug/l	96
25) 2-Butanone	7.335	43	313953	103.274	ug/l #	86
26) 2,2-Dichloropropane	7.329	77	186398	21.569	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	137223	20.666	ug/l	79
28) Bromochloromethane	7.659	49	75593	19.268	ug/l #	49
29) Tetrahydrofuran	7.683	42	195824	100.505	ug/l #	81
30) Chloroform	7.817	83	227502	20.425	ug/l	99
31) Cyclohexane	8.099	56	186127	21.298	ug/l #	80
32) 1,1,1-Trichloroethane	8.016	97	214854	20.909	ug/l	94
36) 1,1-Dichloropropene	8.225	75	163432	21.313	ug/l	92
37) Ethyl Acetate	7.410	43	123452	19.325	ug/l	95
38) Carbon Tetrachloride	8.212	117	193837	21.152	ug/l	99
39) Methylcyclohexane	9.461	83	205612	21.514	ug/l	87
40) Benzene	8.461	78	493832	20.848	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	60328	20.160	ug/l #	85
42) 1,2-Dichloroethane	8.531	62	166834	21.015	ug/l	94
43) Isopropyl Acetate	8.563	43	217866	21.081	ug/l #	89
44) Trichloroethene	9.217	130	148476	20.303	ug/l	74
45) 1,2-Dichloropropane	9.488	63	115773	21.055	ug/l	99
46) Dibromomethane	9.577	93	88588	19.776	ug/l #	79
47) Bromodichloromethane	9.762	83	175327	20.486	ug/l #	98
48) Methyl methacrylate	9.561	41	87263	19.299	ug/l #	81
49) 1,4-Dioxane	9.569	88	37084	347.954	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	633370	98.067	ug/l	91
52) Toluene	10.507	92	321614	20.187	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	173533	20.403	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	185854	20.578	ug/l #	83
55) 1,1,2-Trichloroethane	10.899	97	125077	19.425	ug/l	94
56) Ethyl methacrylate	10.762	69	164962	18.860	ug/l #	82
57) 1,3-Dichloropropane	11.046	76	191980	19.814	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	94978	72.660	ug/l #	85
59) 2-Hexanone	11.087	43	447515	99.532	ug/l	88
60) Dibromochloromethane	11.240	129	147785	19.930	ug/l	99
61) 1,2-Dibromoethane	11.347	107	131038	19.265	ug/l	100
64) Tetrachloroethene	10.979	164	146390	21.789	ug/l	88
65) Chlorobenzene	11.771	112	353766	20.479	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	140180	20.797	ug/l	98
67) Ethyl Benzene	11.848	91	592196	20.967	ug/l	93
68) m/p-Xylenes	11.956	106	484336	42.568	ug/l	79
69) o-Xylene	12.283	106	229439	20.961	ug/l	82
70) Styrene	12.296	104	363297	21.084	ug/l #	91
71) Bromoform	12.460	173	105645	17.612	ug/l #	99
73) Isopropylbenzene	12.581	105	595890	19.583	ug/l	95
74) N-amyl acetate	12.387	43	148717	19.553	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.830	83	161557	17.731	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	129690m	17.998	ug/l	
77) Bromobenzene	12.862	156	158616	18.420	ug/l	56
78) n-propylbenzene	12.924	91	658570	20.431	ug/l	90
79) 2-Chlorotoluene	13.010	91	390688	19.593	ug/l	83
80) 1,3,5-Trimethylbenzene	13.061	105	503595	20.367	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.626	75	38267	17.546	ug/l	88
82) 4-Chlorotoluene	13.106	91	384788	19.982	ug/l	86
83) tert-Butylbenzene	13.326	119	445175	19.656	ug/l	83
84) 1,2,4-Trimethylbenzene	13.372	105	488241	20.186	ug/l	90
85) sec-Butylbenzene	13.503	105	606282	20.353	ug/l	91
86) p-Isopropyltoluene	13.618	119	519609	21.094	ug/l	90
87) 1,3-Dichlorobenzene	13.616	146	287501	19.599	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	280998	19.248	ug/l	93
89) n-Butylbenzene	13.943	91	379003	20.411	ug/l	95
90) Hexachloroethane	14.214	117	83846	17.667	ug/l	75
91) 1,2-Dichlorobenzene	13.991	146	266396	19.131	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.605	75	26624	18.817	ug/l #	36
93) 1,2,4-Trichlorobenzene	15.265	180	131587	18.823	ug/l	96
94) Hexachlorobutadiene	15.373	225	80500	19.919	ug/l	99
95) Naphthalene	15.507	128	275528	17.395	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	124351	18.595	ug/l	98

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

