

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090121\
 Data File : VN068382.D
 Acq On : 1 Sep 2021 13:07
 Operator : JC/MD
 Sample : VN0901WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/2/2021 7:20:09 PM

Quant Time: Sep 02 12:13:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 31 02:20:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	573416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	832906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	788542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	387469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	285036	48.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.40%		
35) Dibromofluoromethane	8.024	113	262226	49.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.32%		
50) Toluene-d8	10.443	98	961940	48.66	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.32%		
62) 4-Bromofluorobenzene	12.733	95	310175	47.81	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.62%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.078	85	92400	19.36	ug/l	99
3) Chloromethane	2.309	50	87916	17.58	ug/l	99
4) Vinyl Chloride	2.448	62	135843	17.82	ug/l	99
5) Bromomethane	2.850	94	136493	19.43	ug/l	98
6) Chloroethane	3.019	64	102240	18.71	ug/l	97
7) Trichlorofluoromethane	3.376	101	172112	11.36	ug/l	98
8) Diethyl Ether	3.829	74	54547	12.50	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.218	101	99875	20.89	ug/l	98
10) Methyl Iodide	4.433	142	141495	23.19	ug/l	100
11) Tert butyl alcohol	5.369	59	84053	109.83	ug/l #	84
12) 1,1-Dichloroethene	4.191	96	90528	20.25	ug/l	97
13) Acrolein	4.049	56	48616	97.81	ug/l	99
14) Allyl chloride	4.848	41	113207	20.13	ug/l	97
15) Acrylonitrile	5.559	53	206411	98.64	ug/l	100
16) Acetone	4.291	43	171957	102.64	ug/l	100
17) Carbon Disulfide	4.540	76	223660	18.55	ug/l	99
18) Methyl Acetate	4.859	43	101910	22.09	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	306693	21.22	ug/l	99
20) Methylene Chloride	5.101	84	103915	20.27	ug/l	98
21) trans-1,2-Dichloroethene	5.605	96	99455	19.88	ug/l	99
22) Diisopropyl ether	6.498	45	252180	20.52	ug/l	99
23) Vinyl Acetate	6.436	43	969697	102.33	ug/l	98
24) 1,1-Dichloroethane	6.391	63	165189	20.17	ug/l	99
25) 2-Butanone	7.337	43	262820	97.96	ug/l	99
26) 2,2-Dichloropropane	7.332	77	151564	19.87	ug/l	100
27) cis-1,2-Dichloroethene	7.329	96	118734	20.26	ug/l	99
28) Bromochloromethane	7.662	49	60546	17.49	ug/l	95
29) Tetrahydrofuran	7.686	42	174353	101.40	ug/l	99
30) Chloroform	7.820	83	193291	19.66	ug/l	98
31) Cyclohexane	8.099	56	147308	19.10	ug/l	96
32) 1,1,1-Trichloroethane	8.019	97	180162	19.87	ug/l	99
36) 1,1-Dichloropropene	8.225	75	137790	20.80	ug/l	99
37) Ethyl Acetate	7.412	43	107660	19.51	ug/l	99
38) Carbon Tetrachloride	8.209	117	160387	20.26	ug/l	99
39) Methylcyclohexane	9.464	83	171487	20.77	ug/l	97
40) Benzene	8.464	78	416365	20.35	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	54285	21.00	ug/l	94
42) 1,2-Dichloroethane	8.531	62	145241	21.18	ug/l	99
43) Isopropyl Acetate	8.563	43	189660	21.24	ug/l	100
44) Trichloroethene	9.220	130	128277	20.31	ug/l	98
45) 1,2-Dichloropropane	9.494	63	96711	20.36	ug/l	97
46) Dibromomethane	9.579	93	81005	20.93	ug/l	97
47) Bromodichloromethane	9.765	83	149986	20.29	ug/l	98
48) Methyl methacrylate	9.561	41	81447	20.85	ug/l	98
49) 1,4-Dioxane	9.574	88	36847	400.23	ug/l	97
51) 4-Methyl-2-Pentanone	10.330	43	566052	101.46	ug/l	99
52) Toluene	10.507	92	289618	21.04	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	151886	20.67	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	161560	20.71	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	113661	20.43	ug/l	97
56) Ethyl methacrylate	10.762	69	146259	19.31	ug/l	99
57) 1,3-Dichloropropane	11.046	76	171942	20.54	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	76067	68.79	ug/l	99
59) 2-Hexanone	11.087	43	388751	100.09	ug/l	99
60) Dibromochloromethane	11.240	129	134872	21.06	ug/l	99
61) 1,2-Dibromoethane	11.347	107	120937	20.58	ug/l	100
64) Tetrachloroethene	10.979	164	130656	21.21	ug/l	96
65) Chlorobenzene	11.773	112	318878	20.14	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	126518	20.47	ug/l	99
67) Ethyl Benzene	11.848	91	526287	20.33	ug/l	99
68) m/p-Xylenes	11.956	106	433024	41.51	ug/l	99
69) o-Xylene	12.283	106	209019	20.83	ug/l	99
70) Styrene	12.296	104	329388	20.85	ug/l	99
71) Bromoform	12.460	173	101328	18.34	ug/l #	100
73) Isopropylbenzene	12.581	105	537829	19.34	ug/l	100
74) N-amyl acetate	12.390	43	127764	18.38	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	152790	18.35	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	119576m	18.16	ug/l	
77) Bromobenzene	12.865	156	150550	19.13	ug/l	99
78) n-propylbenzene	12.924	91	580916	19.72	ug/l	99
79) 2-Chlorotoluene	13.010	91	349092	19.16	ug/l	98
80) 1,3,5-Trimethylbenzene	13.063	105	450279	19.93	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	34530	17.32	ug/l	95
82) 4-Chlorotoluene	13.106	91	341352	19.40	ug/l	98
83) tert-Butylbenzene	13.326	119	397794	19.22	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	443904	20.08	ug/l	100
85) sec-Butylbenzene	13.506	105	547680	20.12	ug/l	100
86) p-Isopropyltoluene	13.618	119	463528	20.59	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	266152	19.85	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	263190	19.73	ug/l	99
89) n-Butylbenzene	13.946	91	333201	19.64	ug/l	99
90) Hexachloroethane	14.214	117	74105	17.09	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	256145	20.13	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	25522	19.74	ug/l	91
93) 1,2,4-Trichlorobenzene	15.265	180	125260	19.52	ug/l	99
94) Hexachlorobutadiene	15.373	225	77132	20.88	ug/l	99
95) Naphthalene	15.509	128	263094	18.07	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	117533	19.16	ug/l	99

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

