

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069098.D
 Acq On : 21 Oct 2021 19:24
 Operator : JC/MD
 Sample : VN1021WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/22/2021 7:09:22 PM

Quant Time: Oct 22 01:35:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	289866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	531406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	491668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	200590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	223388	58.451	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 116.900%			
35) Dibromofluoromethane	8.024	113	169631	54.865	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.740%			
50) Toluene-d8	10.443	98	686921	55.528	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.060%			
62) 4-Bromofluorobenzene	12.733	95	248955	53.340	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	63518	18.403	ug/l	99
3) Chloromethane	2.303	50	71775	20.259	ug/l	100
4) Vinyl Chloride	2.443	62	83236	23.130	ug/l	100
5) Bromomethane	2.853	94	51736	26.137	ug/l	98
6) Chloroethane	3.017	64	54344	25.625	ug/l	96
7) Trichlorofluoromethane	3.376	101	104873	20.812	ug/l	100
8) Diethyl Ether	3.829	74	38864	20.677	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.218	101	56830	20.974	ug/l	98
10) Methyl Iodide	4.427	142	64165	16.316	ug/l	98
11) Tert butyl alcohol	5.371	59	63880	91.474	ug/l	99
12) 1,1-Dichloroethene	4.189	96	55211	19.712	ug/l	97
13) Acrolein	4.044	56	21718	70.301	ug/l	98
14) Allyl chloride	4.843	41	93567	18.635	ug/l	95
15) Acrylonitrile	5.556	53	160269	102.422	ug/l	98
16) Acetone	4.288	43	132395	92.830	ug/l	99
17) Carbon Disulfide	4.537	76	131498	17.299	ug/l	100
18) Methyl Acetate	4.859	43	114943	21.248	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	218290	20.931	ug/l	98
20) Methylene Chloride	5.103	84	69263	21.100	ug/l	97
21) trans-1,2-Dichloroethene	5.605	96	58197	19.233	ug/l	98
22) Diisopropyl ether	6.498	45	209116	20.028	ug/l	97
23) Vinyl Acetate	6.436	43	779976	98.811	ug/l	99
24) 1,1-Dichloroethane	6.391	63	118857	20.951	ug/l	99
25) 2-Butanone	7.335	43	214120	99.282	ug/l	99
26) 2,2-Dichloropropane	7.332	77	91134	16.857	ug/l	100
27) cis-1,2-Dichloroethene	7.329	96	73469	20.086	ug/l	98
28) Bromochloromethane	7.662	49	46193	17.978	ug/l	100
29) Tetrahydrofuran	7.686	42	144048	102.971	ug/l	96
30) Chloroform	7.820	83	125801	21.041	ug/l	99
31) Cyclohexane	8.096	56	109112	18.362	ug/l	92
32) 1,1,1-Trichloroethane	8.018	97	111579	20.020	ug/l	99
36) 1,1-Dichloropropene	8.225	75	90264	19.886	ug/l	98
37) Ethyl Acetate	7.415	43	86269	18.402	ug/l	98
38) Carbon Tetrachloride	8.212	117	94117	18.880	ug/l	99
39) Methylcyclohexane	9.461	83	107857	18.462	ug/l	97
40) Benzene	8.464	78	275602	19.940	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	43075	18.228	ug/l	91
42) 1,2-Dichloroethane	8.531	62	103000	21.044	ug/l	99
43) Isopropyl Acetate	8.563	43	160026	19.347	ug/l	98
44) Trichloroethene	9.220	130	68664	19.850	ug/l	100
45) 1,2-Dichloropropane	9.494	63	71769	20.011	ug/l	98
46) Dibromomethane	9.582	93	49039	20.031	ug/l	98
47) Bromodichloromethane	9.764	83	99820	19.676	ug/l	98
48) Methyl methacrylate	9.561	41	68373	17.593	ug/l	91
49) 1,4-Dioxane	9.569	88	26423	372.037	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	477519	99.565	ug/l	100
52) Toluene	10.507	92	181485	20.409	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	105041	18.278	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	110873	18.543	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	70875	20.215	ug/l	98
56) Ethyl methacrylate	10.762	69	115740	19.662	ug/l	98
57) 1,3-Dichloropropane	11.046	76	121046	20.938	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	191417	121.006	ug/l	99
59) 2-Hexanone	11.087	43	343033	99.736	ug/l	100
60) Dibromochloromethane	11.240	129	72550	18.333	ug/l	100
61) 1,2-Dibromoethane	11.347	107	73093	20.325	ug/l	100
64) Tetrachloroethene	10.979	164	62700	19.796	ug/l	97
65) Chlorobenzene	11.773	112	192731	20.715	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	70209	19.280	ug/l	99
67) Ethyl Benzene	11.846	91	352423	20.392	ug/l	99
68) m/p-Xylenes	11.956	106	262107	40.008	ug/l	100
69) o-Xylene	12.283	106	130951	19.969	ug/l	99
70) Styrene	12.296	104	212748	19.930	ug/l	99
71) Bromoform	12.460	173	48468	16.615	ug/l #	100
73) Isopropylbenzene	12.581	105	344158	20.613	ug/l	100
74) N-amyl acetate	12.390	43	131197	20.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	103880	21.529	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	82805m	19.401	ug/l	
77) Bromobenzene	12.862	156	75759	20.520	ug/l	98
78) n-propylbenzene	12.924	91	386194	20.583	ug/l	99
79) 2-Chlorotoluene	13.010	91	240353	20.783	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	283083	20.356	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	28640	16.054	ug/l	94
82) 4-Chlorotoluene	13.109	91	232236	20.781	ug/l	100
83) tert-Butylbenzene	13.326	119	251018	20.735	ug/l	100
84) 1,2,4-Trimethylbenzene	13.372	105	277984	20.746	ug/l	99
85) sec-Butylbenzene	13.503	105	344470	20.546	ug/l	99
86) p-Isopropyltoluene	13.618	119	273114	20.309	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	130940	20.504	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	127715	20.150	ug/l	97
89) n-Butylbenzene	13.946	91	220282	19.676	ug/l	98
90) Hexachloroethane	14.214	117	51283	18.154	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	127741	20.592	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.605	75	18401	19.780	ug/l	95
93) 1,2,4-Trichlorobenzene	15.268	180	57285	18.721	ug/l	99
94) Hexachlorobutadiene	15.372	225	32605	18.458	ug/l	99
95) Naphthalene	15.509	128	176168	21.293	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	56689	19.309	ug/l	99

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

