

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101221\
 Data File : VN068863.D
 Acq On : 12 Oct 2021 12:40
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
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 10/14/2021 1:30:02 PM

Quant Time: Oct 13 04:59:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 04:54:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	394436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	698419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	671784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	299135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	853439	134.503	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 269.000%#			
35) Dibromofluoromethane	8.021	113	662581	137.707	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 275.420%#			
50) Toluene-d8	10.443	98	2675257	140.032	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 280.060%#			
62) 4-Bromofluorobenzene	12.734	95	1097795	165.562	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 331.120%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	746509	173.269	ug/l	100
3) Chloromethane	2.298	50	732715	109.614	ug/l	100
4) Vinyl Chloride	2.443	62	784886	119.436	ug/l	99
5) Bromomethane	2.816	94	291421	96.059	ug/l	98
6) Chloroethane	2.977	64	452182	120.432	ug/l	100
7) Trichlorofluoromethane	3.352	101	1112749	142.933	ug/l	100
8) Diethyl Ether	3.821	74	404736	147.100	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.205	101	600111	144.016	ug/l	99
10) Methyl Iodide	4.417	142	874460	168.137	ug/l	99
11) Tert butyl alcohol	5.374	59	767669	801.484	ug/l	100
12) 1,1-Dichloroethene	4.175	96	594996	149.516	ug/l	98
13) Acrolein	4.039	56	326516	951.784	ug/l	97
14) Allyl chloride	4.835	41	1135744	139.692	ug/l	99
15) Acrylonitrile	5.554	53	1762114	703.258	ug/l	100
16) Acetone	4.285	43	1467070	589.088	ug/l	100
17) Carbon Disulfide	4.527	76	1728499	147.435	ug/l	99
18) Methyl Acetate	4.849	43	1190834	133.484	ug/l	100
19) Methyl tert-butyl Ether	5.613	73	2320662	154.722	ug/l	99
20) Methylene Chloride	5.093	84	695538	130.031	ug/l	99
21) trans-1,2-Dichloroethene	5.594	96	653073	150.749	ug/l	98
22) Diisopropyl ether	6.495	45	2311087	138.094	ug/l	98
23) Vinyl Acetate	6.431	43	8778741	670.917	ug/l	99
24) 1,1-Dichloroethane	6.385	63	1250593	142.579	ug/l	99
25) 2-Butanone	7.332	43	2368014	646.060	ug/l	99
26) 2,2-Dichloropropane	7.324	77	1156422	151.127	ug/l	100
27) cis-1,2-Dichloroethene	7.324	96	775129	150.854	ug/l	100
28) Bromochloromethane	7.657	49	614222	157.843	ug/l	99
29) Tetrahydrofuran	7.681	42	1571197	675.709	ug/l	100
30) Chloroform	7.817	83	1302382	145.545	ug/l	99
31) Cyclohexane	8.096	56	1168041	135.936	ug/l	99
32) 1,1,1-Trichloroethane	8.013	97	1214235	153.918	ug/l	100
36) 1,1-Dichloropropene	8.222	75	954077	136.976	ug/l	100
37) Ethyl Acetate	7.410	43	983298	126.150	ug/l	98
38) Carbon Tetrachloride	8.206	117	1039976	143.196	ug/l	99
39) Methylcyclohexane	9.459	83	1234623	149.252	ug/l	100
40) Benzene	8.461	78	2866658	139.400	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	488010	118.071	ug/l	95
42) 1,2-Dichloroethane	8.531	62	1029932	130.005	ug/l	99
43) Isopropyl Acetate	8.560	43	1744770	129.692	ug/l	100
44) Trichloroethene	9.217	130	731140	146.604	ug/l	99
45) 1,2-Dichloropropane	9.491	63	751571	139.727	ug/l	98
46) Dibromomethane	9.577	93	511914	143.199	ug/l	100
47) Bromodichloromethane	9.762	83	1080546	145.262	ug/l	99
48) Methyl methacrylate	9.561	41	830545	136.489	ug/l	97
49) 1,4-Dioxane	9.569	88	309542	3379.781	ug/l	100
51) 4-Methyl-2-Pentanone	10.333	43	5196284	649.048	ug/l	99
52) Toluene	10.508	92	1887901	144.686	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	1262120	153.769	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	1285938	149.766	ug/l	100
55) 1,1,2-Trichloroethane	10.899	97	739491	146.329	ug/l	98
56) Ethyl methacrylate	10.762	69	1290296	158.737	ug/l	98
57) 1,3-Dichloropropane	11.047	76	1232422	140.672	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	1822096	864.767	ug/l	100
59) 2-Hexanone	11.087	43	3831420	665.732	ug/l	100
60) Dibromochloromethane	11.240	129	852004	155.246	ug/l	100
61) 1,2-Dibromoethane	11.347	107	779187	150.510	ug/l	99
64) Tetrachloroethene	10.980	164	646540	144.783	ug/l	98
65) Chlorobenzene	11.771	112	2025551	143.417	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	769602	148.289	ug/l	100
67) Ethyl Benzene	11.846	91	3727595	144.413	ug/l	100
68) m/p-Xylenes	11.956	106	2857520	300.631	ug/l	99
69) o-Xylene	12.283	106	1446434	154.424	ug/l	99
70) Styrene	12.296	104	2481454	164.514	ug/l	100
71) Bromoform	12.460	173	670568	168.603	ug/l #	99
73) Isopropylbenzene	12.581	105	3813346	142.903	ug/l	100
74) N-amyl acetate	12.390	43	1525094	136.319	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.830	83	1054535	126.939	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	1036293m	142.295	ug/l	
77) Bromobenzene	12.862	156	870248	142.071	ug/l	99
78) n-propylbenzene	12.921	91	4426830	146.088	ug/l	100
79) 2-Chlorotoluene	13.010	91	2699221	146.782	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	3206570	151.777	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	410033	156.193	ug/l	99
82) 4-Chlorotoluene	13.106	91	2713841	151.872	ug/l	100
83) tert-Butylbenzene	13.326	119	2797889	146.256	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	3129403	151.809	ug/l	100
85) sec-Butylbenzene	13.503	105	4005112	153.516	ug/l	100
86) p-Isopropyltoluene	13.616	119	3217939	154.466	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	1522713	146.115	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	1508576	142.266	ug/l	99
89) n-Butylbenzene	13.943	91	2850256	157.578	ug/l	99
90) Hexachloroethane	14.211	117	663060	158.839	ug/l	100
91) 1,2-Dichlorobenzene	13.989	146	1448970	142.511	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.606	75	225413	144.663	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	785334	157.248	ug/l	99
94) Hexachlorobutadiene	15.373	225	395453	143.610	ug/l	99
95) Naphthalene	15.507	128	2234045	162.475	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	746727	153.407	ug/l	99

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

