

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069106.D
 Acq On : 21 Oct 2021 23:36
 Operator : JC/MD
 Sample : VN1021WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS02

Manual Integrations
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 10/22/2021 7:09:28 PM

Quant Time: Oct 22 01:36:51 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	294287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	513488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	479980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	193037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	195296	50.333	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.660%			
35) Dibromofluoromethane	8.024	113	153167	51.269	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.540%			
50) Toluene-d8	10.443	98	600692	50.252	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.733	95	216315	47.964	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	54301	15.693	ug/l	99
3) Chloromethane	2.303	50	59447	16.527	ug/l	99
4) Vinyl Chloride	2.445	62	70404	19.270	ug/l	99
5) Bromomethane	2.853	94	49072	24.419	ug/l	97
6) Chloroethane	3.017	64	46304	21.505	ug/l	99
7) Trichlorofluoromethane	3.376	101	92751	18.130	ug/l	95
8) Diethyl Ether	3.829	74	33278	17.439	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.221	101	49167	17.873	ug/l	99
10) Methyl Iodide	4.427	142	59743	14.963	ug/l	99
11) Tert butyl alcohol	5.366	59	54917	77.458	ug/l	98
12) 1,1-Dichloroethene	4.189	96	47234	16.611	ug/l	98
13) Acrolein	4.049	56	23758	75.750	ug/l	98
14) Allyl chloride	4.846	41	79489	15.594	ug/l	95
15) Acrylonitrile	5.554	53	138605	87.247	ug/l	99
16) Acetone	4.291	43	113296	78.245	ug/l	97
17) Carbon Disulfide	4.537	76	112506	14.579	ug/l	98
18) Methyl Acetate	4.859	43	99675	18.149	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	189376	17.886	ug/l	100
20) Methylene Chloride	5.101	84	60701	18.214	ug/l	97
21) trans-1,2-Dichloroethene	5.605	96	52003	16.928	ug/l	92
22) Diisopropyl ether	6.498	45	183061	17.269	ug/l	98
23) Vinyl Acetate	6.436	43	668148	83.373	ug/l	98
24) 1,1-Dichloroethane	6.391	63	102508	17.798	ug/l	99
25) 2-Butanone	7.337	43	184192	84.122	ug/l	96
26) 2,2-Dichloropropane	7.327	77	73280	13.351	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	64590	17.393	ug/l	97
28) Bromochloromethane	7.659	49	48932	18.758	ug/l	96
29) Tetrahydrofuran	7.686	42	123631	87.049	ug/l	97
30) Chloroform	7.823	83	110953	18.279	ug/l	100
31) Cyclohexane	8.099	56	95553	15.839	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	98793	17.459	ug/l	97
36) 1,1-Dichloropropene	8.225	75	76722	17.492	ug/l	100
37) Ethyl Acetate	7.415	43	78381	17.303	ug/l	100
38) Carbon Tetrachloride	8.209	117	82704	17.169	ug/l	96
39) Methylcyclohexane	9.461	83	91731	16.249	ug/l	97
40) Benzene	8.464	78	240607	18.015	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	36994	16.201	ug/l	90
42) 1,2-Dichloroethane	8.534	62	85724	18.126	ug/l	99
43) Isopropyl Acetate	8.560	43	139883	17.502	ug/l	99
44) Trichloroethene	9.220	130	59338	17.752	ug/l	95
45) 1,2-Dichloropropane	9.491	63	61855	17.848	ug/l	99
46) Dibromomethane	9.579	93	42480	17.957	ug/l	99
47) Bromodichloromethane	9.765	83	84141	17.164	ug/l	99
48) Methyl methacrylate	9.561	41	57838	15.401	ug/l	85
49) 1,4-Dioxane	9.569	88	22460	331.560	ug/l	96
51) 4-Methyl-2-Pentanone	10.330	43	406068	87.621	ug/l	99
52) Toluene	10.507	92	155865	18.139	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	89013	16.030	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	94919	16.429	ug/l	97
55) 1,1,2-Trichloroethane	10.899	97	60911	17.980	ug/l	99
56) Ethyl methacrylate	10.762	69	97275	17.102	ug/l	98
57) 1,3-Dichloropropane	11.047	76	103952	18.609	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	151999	102.784	ug/l	99
59) 2-Hexanone	11.087	43	291923	87.838	ug/l	100
60) Dibromochloromethane	11.240	129	62079	16.234	ug/l	99
61) 1,2-Dibromoethane	11.350	107	62778	18.066	ug/l	99
64) Tetrachloroethene	10.979	164	52195	16.881	ug/l	96
65) Chlorobenzene	11.773	112	165334	18.203	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	60971	17.151	ug/l	99
67) Ethyl Benzene	11.848	91	303558	17.993	ug/l	99
68) m/p-Xylenes	11.956	106	228083	35.662	ug/l	98
69) o-Xylene	12.283	106	114618	17.904	ug/l	99
70) Styrene	12.296	104	183436	17.603	ug/l	99
71) Bromoform	12.463	173	42456	14.909	ug/l #	99
73) Isopropylbenzene	12.581	105	297854	18.538	ug/l	100
74) N-amyl acetate	12.390	43	105219	17.285	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	92206	19.858	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	75218m	18.313	ug/l	
77) Bromobenzene	12.862	156	66910	18.832	ug/l	97
78) n-propylbenzene	12.924	91	328712	18.205	ug/l	100
79) 2-Chlorotoluene	13.010	91	205163	18.434	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	244697	18.284	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	23732	13.824	ug/l	94
82) 4-Chlorotoluene	13.106	91	194587	18.093	ug/l	99
83) tert-Butylbenzene	13.326	119	218653	18.768	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	238882	18.526	ug/l	100
85) sec-Butylbenzene	13.503	105	295729	18.329	ug/l	100
86) p-Isopropyltoluene	13.619	119	231535	17.891	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	112114	18.243	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	110271	18.079	ug/l	99
89) n-Butylbenzene	13.946	91	177550	16.480	ug/l	100
90) Hexachloroethane	14.214	117	43784	16.106	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	109102	18.275	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	15143	16.915	ug/l	98
93) 1,2,4-Trichlorobenzene	15.268	180	47292	16.429	ug/l	99
94) Hexachlorobutadiene	15.373	225	28522	16.779	ug/l	99
95) Naphthalene	15.509	128	128406	17.052	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	46757	16.909	ug/l	99

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

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