

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069235.D
 Acq On : 27 Oct 2021 22:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 1:25:51 PM

Quant Time: Oct 28 01:22:17 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	217784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	384802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	366869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	154063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	179173	62.399	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 124.800%			
35) Dibromofluoromethane	8.024	113	137249	61.304	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 122.600%			
50) Toluene-d8	10.443	98	545839	60.934	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 121.860%			
62) 4-Bromofluorobenzene	12.733	95	209241	61.911	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 123.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	111263	41.250	ug/l	100
3) Chloromethane	2.301	50	122127	45.879	ug/l	100
4) Vinyl Chloride	2.443	62	146773	54.285	ug/l	98
5) Bromomethane	2.821	94	99799	67.106	ug/l	99
6) Chloroethane	2.998	64	97617	61.263	ug/l	99
7) Trichlorofluoromethane	3.365	101	196833	51.990	ug/l	99
8) Diethyl Ether	3.827	74	73433	51.999	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	106406	52.269	ug/l	98
10) Methyl Iodide	4.422	142	138894	47.008	ug/l	98
11) Tert butyl alcohol	5.372	59	163550	311.712	ug/l	100
12) 1,1-Dichloroethene	4.183	96	100240	47.635	ug/l	99
13) Acrolein	4.047	56	55148	237.600	ug/l	97
14) Allyl chloride	4.840	41	181659	48.155	ug/l	97
15) Acrylonitrile	5.554	53	387329	329.455	ug/l	99
16) Acetone	4.288	43	329642	307.630	ug/l	100
17) Carbon Disulfide	4.532	76	221278	38.745	ug/l	99
18) Methyl Acetate	4.854	43	267643	65.850	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	429728	54.843	ug/l	99
20) Methylene Chloride	5.101	84	127934	51.872	ug/l	98
21) trans-1,2-Dichloroethene	5.599	96	109973	48.373	ug/l	96
22) Diisopropyl ether	6.498	45	413534	52.714	ug/l	99
23) Vinyl Acetate	6.434	43	1599656	269.727	ug/l	98
24) 1,1-Dichloroethane	6.388	63	224637	52.703	ug/l	100
25) 2-Butanone	7.335	43	537975	332.007	ug/l	96
26) 2,2-Dichloropropane	7.329	77	172315	42.421	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	141548	51.506	ug/l	98
28) Bromochloromethane	7.659	49	99591	51.588	ug/l	96
29) Tetrahydrofuran	7.683	42	349704	332.721	ug/l	95
30) Chloroform	7.820	83	250675	55.805	ug/l	99
31) Cyclohexane	8.099	56	196597	44.035	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	219408	52.396	ug/l	99
36) 1,1-Dichloropropene	8.222	75	169403	51.540	ug/l	99
37) Ethyl Acetate	7.412	43	211345	62.259	ug/l	100
38) Carbon Tetrachloride	8.209	117	183112	50.726	ug/l	99
39) Methylcyclohexane	9.461	83	201194	47.559	ug/l	97
40) Benzene	8.461	78	527241	52.679	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	104308	60.957	ug/l	95
42) 1,2-Dichloroethane	8.531	62	204394	57.670	ug/l	99
43) Isopropyl Acetate	8.560	43	348158	58.129	ug/l	99
44) Trichloroethene	9.217	130	128983	51.493	ug/l	99
45) 1,2-Dichloropropane	9.491	63	137953	53.118	ug/l	98
46) Dibromomethane	9.579	93	99546	56.152	ug/l	99
47) Bromodichloromethane	9.765	83	193961	52.798	ug/l	98
48) Methyl methacrylate	9.561	41	150596	53.512	ug/l	88
49) 1,4-Dioxane	9.569	88	72568	1311.522	ug/l	93
51) 4-Methyl-2-Pentanone	10.330	43	1141765	328.762	ug/l	99
52) Toluene	10.507	92	348515	54.124	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	208803	50.177	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	216805	50.075	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	147092	57.938	ug/l	98
56) Ethyl methacrylate	10.762	69	246580	57.848	ug/l	98
57) 1,3-Dichloropropane	11.047	76	244492	58.404	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	332527	264.054	ug/l	98
59) 2-Hexanone	11.087	43	865138	347.369	ug/l	99
60) Dibromochloromethane	11.240	129	150380	52.477	ug/l	98
61) 1,2-Dibromoethane	11.347	107	153388	58.904	ug/l	100
64) Tetrachloroethene	10.980	164	118234	50.029	ug/l	99
65) Chlorobenzene	11.773	112	376076	54.172	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	143594	52.846	ug/l	100
67) Ethyl Benzene	11.846	91	697832	54.114	ug/l	100
68) m/p-Xylenes	11.956	106	519341	106.238	ug/l	99
69) o-Xylene	12.283	106	263902	53.933	ug/l	100
70) Styrene	12.296	104	437118	54.879	ug/l	100
71) Bromoform	12.460	173	110564	50.795	ug/l #	98
73) Isopropylbenzene	12.581	105	704385	54.929	ug/l	99
74) N-amyl acetate	12.390	43	280756	57.789	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	237443	64.073	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	227297m	69.340	ug/l	
77) Bromobenzene	12.862	156	160362	56.553	ug/l	99
78) n-propylbenzene	12.921	91	780213	54.141	ug/l	99
79) 2-Chlorotoluene	13.010	91	488056	54.947	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	577665	54.083	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	68327	49.868	ug/l	95
82) 4-Chlorotoluene	13.106	91	463556	54.007	ug/l	99
83) tert-Butylbenzene	13.326	119	506682	54.494	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	566546	55.051	ug/l	99
85) sec-Butylbenzene	13.503	105	705446	54.783	ug/l	99
86) p-Isopropyltoluene	13.616	119	552787	53.520	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	270867	55.224	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	262703	53.965	ug/l	99
89) n-Butylbenzene	13.946	91	436467	50.761	ug/l	100
90) Hexachloroethane	14.211	117	106226	48.960	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	261761	54.939	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.606	75	44282	61.976	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	116713	45.361	ug/l	99
94) Hexachlorobutadiene	15.373	225	64235	47.347	ug/l	99
95) Naphthalene	15.507	128	362756	50.680	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	116779	47.561	ug/l	99

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

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