

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092421\
 Data File : VN068657.D
 Acq On : 24 Sep 2021 22:55
 Operator : JC/MD
 Sample : M3911-07MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-CB-04-(0.5)MSD

Manual Integrations
 APPROVED

MMDadoda
 9/25/2021 10:23:58 AM

Quant Time: Sep 25 01:53:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	425515	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	724794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	661604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	300101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	311584	46.850	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.700%		
35) Dibromofluoromethane	8.021	113	234766	48.357	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.720%		
50) Toluene-d8	10.443	98	937741	45.619	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.240%		
62) 4-Bromofluorobenzene	12.734	95	326872	46.496	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	223854	49.209	ug/l	99
3) Chloromethane	2.301	50	272489	36.320	ug/l	100
4) Vinyl Chloride	2.443	62	322167	44.221	ug/l	97
5) Bromomethane	2.840	94	210751	75.429	ug/l	98
6) Chloroethane	3.009	64	231984	61.918	ug/l	96
7) Trichlorofluoromethane	3.371	101	382788	45.156	ug/l	99
8) Diethyl Ether	3.827	74	140432	47.158	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.213	101	205525	45.359	ug/l	90
10) Methyl Iodide	4.425	142	244252	44.846	ug/l	90
11) Tert butyl alcohol	5.364	59	199258	194.875	ug/l	99
12) 1,1-Dichloroethene	4.186	96	197147	45.805	ug/l	89
13) Acrolein	4.041	56	109823	339.745	ug/l	96
14) Allyl chloride	4.843	41	378113	42.325	ug/l	98
15) Acrylonitrile	5.551	53	622481	225.864	ug/l	100
16) Acetone	4.285	43	536024	221.159	ug/l	96
17) Carbon Disulfide	4.535	76	541851	42.461	ug/l	97
18) Methyl Acetate	4.854	43	381562	39.052	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	759377	47.024	ug/l	98
20) Methylene Chloride	5.098	84	236470	46.854	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	216577	46.271	ug/l	93
22) Diisopropyl ether	6.495	45	827436	44.956	ug/l	97
23) Vinyl Acetate	6.434	43	2981733	205.804	ug/l	99
24) 1,1-Dichloroethane	6.388	63	438157	45.920	ug/l	100
25) 2-Butanone	7.332	43	881624	217.702	ug/l	100
26) 2,2-Dichloropropane	7.327	77	299922	36.838	ug/l	93
27) cis-1,2-Dichloroethene	7.327	96	261648	47.443	ug/l	89
28) Bromochloromethane	7.659	49	225927	53.136	ug/l	90
29) Tetrahydrofuran	7.683	42	597594	232.156	ug/l	100
30) Chloroform	7.817	83	458808	47.420	ug/l	98
31) Cyclohexane	8.099	56	405394	43.493	ug/l	96
32) 1,1,1-Trichloroethane	8.019	97	416291	49.149	ug/l	99
36) 1,1-Dichloropropene	8.225	75	335181	45.788	ug/l	97
37) Ethyl Acetate	7.413	43	351110	42.248	ug/l	97
38) Carbon Tetrachloride	8.206	117	368836	48.783	ug/l	98
39) Methylcyclohexane	9.462	83	394714	46.030	ug/l	96
40) Benzene	8.461	78	1042961	48.549	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	177917	40.477	ug/l	95
42) 1,2-Dichloroethane	8.531	62	390660	46.733	ug/l	98
43) Isopropyl Acetate	8.560	43	630682	44.362	ug/l	99
44) Trichloroethene	9.217	130	243722	47.073	ug/l	89
45) 1,2-Dichloropropane	9.491	63	268835	47.529	ug/l	99
46) Dibromomethane	9.577	93	184868	49.435	ug/l	92
47) Bromodichloromethane	9.762	83	367126	47.341	ug/l	97
48) Methyl methacrylate	9.561	41	312667	48.152	ug/l	96
49) 1,4-Dioxane	9.569	88	84095	887.844	ug/l	94
51) 4-Methyl-2-Pentanone	10.331	43	1983155	230.662	ug/l	99
52) Toluene	10.508	92	646748	47.505	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	414128	48.406	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	412220	46.122	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	242499	45.948	ug/l	99
56) Ethyl methacrylate	10.762	69	414229	43.969	ug/l	100
57) 1,3-Dichloropropane	11.047	76	429676	46.633	ug/l	100
59) 2-Hexanone	11.087	43	1392138	225.169	ug/l	99
60) Dibromochloromethane	11.240	129	280157	49.120	ug/l	99
61) 1,2-Dibromoethane	11.347	107	259848	48.135	ug/l	100
64) Tetrachloroethene	10.980	164	197203	45.392	ug/l	94
65) Chlorobenzene	11.773	112	798121	57.102	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	255965	50.163	ug/l	99
67) Ethyl Benzene	11.846	91	1220663	47.936	ug/l	96
68) m/p-Xylenes	11.956	106	930374	99.541	ug/l	86
69) o-Xylene	12.283	106	473288	51.544	ug/l	90
70) Styrene	12.296	104	772077	52.277	ug/l	95
71) Bromoform	12.460	173	204454	53.115	ug/l #	98
73) Isopropylbenzene	12.581	105	1221612	45.398	ug/l	97
74) N-amyl acetate	12.390	43	548405	47.750	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	386767	45.868	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	315241m	42.484	ug/l	
77) Bromobenzene	12.862	156	279120	45.244	ug/l	79
78) n-propylbenzene	12.921	91	1405875	46.009	ug/l	96
79) 2-Chlorotoluene	13.010	91	814724	44.131	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	977075	46.237	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	117217	44.622	ug/l	99
82) 4-Chlorotoluene	13.106	91	807304	44.999	ug/l	93
83) tert-Butylbenzene	13.329	119	909024	47.360	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	981994	47.667	ug/l	94
85) sec-Butylbenzene	13.503	105	1230610	47.127	ug/l	96
86) p-Isopropyltoluene	13.619	119	979442	46.843	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	487956	46.613	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	493898	46.457	ug/l	95
89) n-Butylbenzene	13.943	91	810259	44.665	ug/l	98
90) Hexachloroethane	14.211	117	203774	49.404	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	481982	47.472	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	71560	45.794	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	235996	46.860	ug/l	98
94) Hexachlorobutadiene	15.373	225	117171	43.292	ug/l	99
95) Naphthalene	15.507	128	1321719	90.141	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	232606	47.271	ug/l	98

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

