

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068797.D
 Acq On : 1 Oct 2021 21:04
 Operator : JC/MD
 Sample : M3915-06MSD 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-20210921MSD

Manual Integrations
 APPROVED

MMDadoda
 10/4/2021 5:51:23 PM

Quant Time: Oct 02 04:04:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	353977	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	621127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	622408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	273194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	261446	53.010	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.020%			
35) Dibromofluoromethane	8.021	113	209866	54.381	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.760%			
50) Toluene-d8	10.443	98	768561	54.499	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.000%			
62) 4-Bromofluorobenzene	12.731	95	286650	58.498	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 117.000%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	171650	44.276	ug/l	100
3) Chloromethane	2.301	50	176747	50.722	ug/l	98
4) Vinyl Chloride	2.443	62	340896	42.921	ug/l	98
5) Bromomethane	2.840	94	275371	48.468	ug/l	98
6) Chloroethane	3.011	64	286795	51.277	ug/l	98
7) Trichlorofluoromethane	3.373	101	305873	51.662	ug/l	100
8) Diethyl Ether	3.827	74	102178	47.320	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.216	101	177676	45.771	ug/l	94
10) Methyl Iodide	4.425	142	170589	48.112	ug/l	94
11) Tert butyl alcohol	5.366	59	171568	259.438	ug/l	# 83
12) 1,1-Dichloroethene	4.186	96	148283	44.583	ug/l	86
13) Acrolein	4.039	56	30119	301.551	ug/l	98
14) Allyl chloride	4.840	41	245205	47.282	ug/l	# 89
15) Acrylonitrile	5.551	53	483162	259.740	ug/l	99
16) Acetone	4.285	43	391739	236.950	ug/l	94
17) Carbon Disulfide	4.535	76	299524	46.439	ug/l	98
18) Methyl Acetate	4.851	43	295652	49.718	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	651554	49.349	ug/l	96
20) Methylene Chloride	5.101	84	194485	45.418	ug/l	91
21) trans-1,2-Dichloroethene	5.599	96	165928	44.392	ug/l	85
22) Diisopropyl ether	6.495	45	620164	50.564	ug/l	# 94
23) Vinyl Acetate	6.434	43	2439609	251.697	ug/l	# 94
24) 1,1-Dichloroethane	6.391	63	351500	47.339	ug/l	99
25) 2-Butanone	7.332	43	672573	242.943	ug/l	94
26) 2,2-Dichloropropane	7.327	77	284305	40.509	ug/l	93
27) cis-1,2-Dichloroethene	7.324	96	229124	47.655	ug/l	83
28) Bromochloromethane	7.659	49	182069	54.000	ug/l	# 76
29) Tetrahydrofuran	7.683	42	434848	254.340	ug/l	89
30) Chloroform	7.817	83	424734	48.601	ug/l	99
31) Cyclohexane	8.096	56	266121	46.670	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	384505	49.392	ug/l	98
36) 1,1-Dichloropropene	8.225	75	264643	45.302	ug/l	95
37) Ethyl Acetate	7.410	43	277170	50.002	ug/l	99
38) Carbon Tetrachloride	8.206	117	329217	47.442	ug/l	98
39) Methylcyclohexane	9.461	83	293080	43.286	ug/l	89
40) Benzene	8.461	78	839803	47.220	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	133090	50.497	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	332303	47.590	ug/l	97
43) Isopropyl Acetate	8.558	43	499994	49.032	ug/l	96
44) Trichloroethene	9.217	130	1111387	234.076	ug/l	85
45) 1,2-Dichloropropane	9.491	63	220962	48.150	ug/l	99
46) Dibromomethane	9.577	93	171159	48.618	ug/l	94
47) Bromodichloromethane	9.762	83	349862	49.419	ug/l	99
48) Methyl methacrylate	9.561	41	231814	54.154	ug/l	90
49) 1,4-Dioxane	9.569	88	80569	1165.114	ug/l	86
51) 4-Methyl-2-Pentanone	10.330	43	1624218	263.430	ug/l	97
52) Toluene	10.507	92	577835	48.764	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	356879	49.797	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	350666	46.502	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	245730	48.772	ug/l	95
56) Ethyl methacrylate	10.762	69	367933	47.183	ug/l	93
57) 1,3-Dichloropropane	11.044	76	392479	49.747	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.062	63	113	3.333	ug/l #	50
59) 2-Hexanone	11.084	43	1200554	282.610	ug/l	96
60) Dibromochloromethane	11.240	129	280742	52.827	ug/l	98
61) 1,2-Dibromoethane	11.347	107	252157	51.027	ug/l	100
64) Tetrachloroethene	10.980	164	189168	40.716	ug/l	94
65) Chlorobenzene	11.771	112	653028	46.023	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	260791	47.561	ug/l	99
67) Ethyl Benzene	11.846	91	1192156	47.738	ug/l	97
68) m/p-Xylenes	11.953	106	895028	96.706	ug/l	87
69) o-Xylene	12.283	106	451741	49.404	ug/l	87
70) Styrene	12.294	104	738903	50.819	ug/l	93
71) Bromoform	12.460	173	203724	52.629	ug/l #	100
73) Isopropylbenzene	12.581	105	1196836	48.954	ug/l	98
74) N-amyl acetate	12.388	43	434713	55.308	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	378050	50.897	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	293211m	48.261	ug/l	
77) Bromobenzene	12.862	156	278850	50.418	ug/l	73
78) n-propylbenzene	12.921	91	1341794	48.555	ug/l	95
79) 2-Chlorotoluene	13.007	91	805654	50.472	ug/l	89
80) 1,3,5-Trimethylbenzene	13.058	105	989386	50.963	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	106612	51.011	ug/l	95
82) 4-Chlorotoluene	13.106	91	781255	48.701	ug/l	91
83) tert-Butylbenzene	13.324	119	891641	52.039	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	980841	51.483	ug/l	95
85) sec-Butylbenzene	13.501	105	1228669	49.664	ug/l	97
86) p-Isopropyltoluene	13.616	119	980498	49.895	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	477614	46.308	ug/l	95
88) 1,4-Dichlorobenzene	13.694	146	456593	44.479	ug/l	95
89) n-Butylbenzene	13.943	91	773690	44.539	ug/l	97
90) Hexachloroethane	14.211	117	206442	51.644	ug/l	98
91) 1,2-Dichlorobenzene	13.989	146	457510	46.069	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	64685	50.364	ug/l	72
93) 1,2,4-Trichlorobenzene	15.263	180	201844	44.795	ug/l	98
94) Hexachlorobutadiene	15.370	225	102369	40.306	ug/l	98
95) Naphthalene	15.507	128	593072	46.166	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	203131	47.009	ug/l	98

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

