

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092321\
 Data File : VN068617.D
 Acq On : 23 Sep 2021 12:36
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:58:51 PM

Quant Time: Sep 23 13:42:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 12:33:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	569236	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	963898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	949379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	401596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1306597	120.627	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 241.260%#			
35) Dibromofluoromethane	8.021	113	953049	147.639	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 295.280%#			
50) Toluene-d8	10.443	98	3886327	155.051	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 310.100%#			
62) 4-Bromofluorobenzene	12.734	95	1436613	143.777	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 287.560%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	916535	116.684	ug/l	99
3) Chloromethane	2.298	50	1332364	150.292	ug/l	99
4) Vinyl Chloride	2.440	62	1341335	157.146	ug/l	97
5) Bromomethane	2.816	94	513389	137.630	ug/l	99
6) Chloroethane	2.982	64	715910	137.372	ug/l	97
7) Trichlorofluoromethane	3.355	101	1575750	135.455	ug/l	100
8) Diethyl Ether	3.821	74	577728	125.112	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.205	101	836205	121.972	ug/l	91
10) Methyl Iodide	4.417	142	1129444	178.125	ug/l	90
11) Tert butyl alcohol	5.377	59	988826	563.345	ug/l	98
12) 1,1-Dichloroethene	4.178	96	822155	124.213	ug/l	92
13) Acrolein	4.041	56	334065	331.140	ug/l	98
14) Allyl chloride	4.838	41	1763405	120.491	ug/l	95
15) Acrylonitrile	5.554	53	2783930	702.365	ug/l	99
16) Acetone	4.285	43	2332004	555.334	ug/l	96
17) Carbon Disulfide	4.529	76	2461865	115.702	ug/l	98
18) Methyl Acetate	4.851	43	1780434	164.227	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	3186348	121.676	ug/l	97
20) Methylene Chloride	5.093	84	980116	112.030	ug/l	98
21) trans-1,2-Dichloroethene	5.594	96	912228	124.224	ug/l	98
22) Diisopropyl ether	6.498	45	3698497	135.051	ug/l	94
23) Vinyl Acetate	6.434	43	14894958	606.108	ug/l	100
24) 1,1-Dichloroethane	6.385	63	1840619	121.898	ug/l	100
25) 2-Butanone	7.335	43	4013758	666.866	ug/l	99
26) 2,2-Dichloropropane	7.327	77	1514925	101.039	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	1094033	126.650	ug/l	93
28) Bromochloromethane	7.659	49	817756	116.044	ug/l	92
29) Tetrahydrofuran	7.683	42	2652202	697.008	ug/l	97
30) Chloroform	7.820	83	1861355	117.333	ug/l	99
31) Cyclohexane	8.096	56	1751911	118.959	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	1676954	116.213	ug/l	99
36) 1,1-Dichloropropene	8.222	75	1423674	134.094	ug/l	98
37) Ethyl Acetate	7.412	43	1627214	143.017	ug/l	99
38) Carbon Tetrachloride	8.206	117	1456336	128.534	ug/l	99
39) Methylcyclohexane	9.462	83	1757155	154.740	ug/l	97
40) Benzene	8.461	78	4240321	142.250	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	858233	145.465	ug/l	97
42) 1,2-Dichloroethane	8.531	62	1576952	127.254	ug/l	98
43) Isopropyl Acetate	8.560	43	2796308	138.239	ug/l	100
44) Trichloroethene	9.217	130	1033704	147.702	ug/l	88
45) 1,2-Dichloropropane	9.491	63	1139415	143.146	ug/l	100
46) Dibromomethane	9.580	93	740601	137.481	ug/l	92
47) Bromodichloromethane	9.765	83	1538621	128.487	ug/l	98
48) Methyl methacrylate	9.561	41	1390827	148.367	ug/l	93
49) 1,4-Dioxane	9.569	88	385421	3007.003	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	8863826	749.440	ug/l	98
52) Toluene	10.507	92	2730017	144.605	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	1817168	137.097	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	1874937	139.428	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	1052386	143.926	ug/l	99
56) Ethyl methacrylate	10.762	69	1880538	144.333	ug/l	96
57) 1,3-Dichloropropane	11.047	76	1863713	140.443	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	2605717	697.892	ug/l	97
59) 2-Hexanone	11.087	43	6253135	723.077	ug/l	98
60) Dibromochloromethane	11.240	129	1191992	149.395	ug/l	99
61) 1,2-Dibromoethane	11.350	107	1121513	146.484	ug/l	100
64) Tetrachloroethene	10.980	164	885719	133.705	ug/l	95
65) Chlorobenzene	11.773	112	2943863	143.789	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	1096810	143.698	ug/l	99
67) Ethyl Benzene	11.846	91	5445736	135.824	ug/l	97
68) m/p-Xylenes	11.956	106	4081610	284.115	ug/l	87
69) o-Xylene	12.283	106	2040202	145.356	ug/l	88
70) Styrene	12.296	104	3403717	146.926	ug/l	95
71) Bromoform	12.460	173	863137	148.552	ug/l #	99
73) Isopropylbenzene	12.581	105	5246560	137.273	ug/l	97
74) N-amyl acetate	12.388	43	2333855	127.546	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	1502526	131.570	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	1304640m	126.275	ug/l	
77) Bromobenzene	12.862	156	1185531	150.076	ug/l	80
78) n-propylbenzene	12.921	91	6095856	135.122	ug/l	96
79) 2-Chlorotoluene	13.010	91	3592042	128.594	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	4149190	130.245	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	553100	134.245	ug/l	92
82) 4-Chlorotoluene	13.106	91	3552257	128.385	ug/l	94
83) tert-Butylbenzene	13.326	119	3759254	145.735	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	4114425	130.895	ug/l	94
85) sec-Butylbenzene	13.503	105	5296580	145.640	ug/l	96
86) p-Isopropyltoluene	13.619	119	4341902	147.289	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	2066878	146.660	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	1991467	141.015	ug/l	96
89) n-Butylbenzene	13.943	91	3746390	137.896	ug/l	98
90) Hexachloroethane	14.211	117	827975	145.486	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	1904544	143.009	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	299395	109.237	ug/l	75
93) 1,2,4-Trichlorobenzene	15.265	180	1048142	151.919	ug/l	99
94) Hexachlorobutadiene	15.373	225	494796	125.997	ug/l	98
95) Naphthalene	15.507	128	3004460	145.803	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	1001855	150.596	ug/l	98

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

