

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068742.D
 Acq On : 29 Sep 2021 15:22
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092921

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:18:18 PM

Quant Time: Sep 29 23:40:02 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	8.086	168	474366	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	788995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	782064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	383068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	293672	44.432	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.860%		
35) Dibromofluoromethane	8.024	113	236351	48.213	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.420%		
50) Toluene-d8	10.443	98	903998	50.464	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.920%		
62) 4-Bromofluorobenzene	12.733	95	339812	54.592	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.180%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	227992	43.884	ug/l	99
3) Chloromethane	2.301	50	219467	46.828	ug/l	96
4) Vinyl Chloride	2.443	62	453648	42.622	ug/l	99
5) Bromomethane	2.850	94	362126	47.505	ug/l	98
6) Chloroethane	3.017	64	361286	48.049	ug/l	98
7) Trichlorofluoromethane	3.373	101	390287	49.115	ug/l	99
8) Diethyl Ether	3.827	74	134047	46.324	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.215	101	229784	44.172	ug/l	93
10) Methyl Iodide	4.425	142	208288	43.956	ug/l	91
11) Tert butyl alcohol	5.361	59	219458	247.634	ug/l #	82
12) 1,1-Dichloroethene	4.186	96	195807	43.930	ug/l	84
13) Acrolein	4.041	56	30642	227.063	ug/l	98
14) Allyl chloride	4.846	41	320110	46.061	ug/l #	88
15) Acrylonitrile	5.554	53	581016	233.075	ug/l	98
16) Acetone	4.283	43	592390	269.933	ug/l	92
17) Carbon Disulfide	4.535	76	405314	46.902	ug/l	99
18) Methyl Acetate	4.854	43	359894	45.161	ug/l	93
19) Methyl tert-butyl Ether	5.615	73	846442	47.840	ug/l	99
20) Methylene Chloride	5.098	84	241994	42.170	ug/l	90
21) trans-1,2-Dichloroethene	5.599	96	226507	45.219	ug/l	83
22) Diisopropyl ether	6.492	45	804769	48.963	ug/l #	93
23) Vinyl Acetate	6.433	43	3211218	247.223	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	446498	44.872	ug/l	96
25) 2-Butanone	7.332	43	895366	241.339	ug/l	94
26) 2,2-Dichloropropane	7.327	77	456624	48.549	ug/l	94
27) cis-1,2-Dichloroethene	7.329	96	299748	46.521	ug/l	85
28) Bromochloromethane	7.656	49	203691	45.081	ug/l #	73
29) Tetrahydrofuran	7.681	42	546690	238.605	ug/l	89
30) Chloroform	7.820	83	542389	46.312	ug/l	99
31) Cyclohexane	8.096	56	367167	48.110	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	494921	47.441	ug/l	97
36) 1,1-Dichloropropene	8.222	75	363076	48.928	ug/l	95
37) Ethyl Acetate	7.412	43	353769	50.242	ug/l #	93
38) Carbon Tetrachloride	8.209	117	428024	48.557	ug/l	98
39) Methylcyclohexane	9.461	83	427607	49.718	ug/l	90
40) Benzene	8.461	78	1093998	48.425	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	186313	55.650	ug/l	94
42) 1,2-Dichloroethane	8.531	62	426065	48.036	ug/l	96
43) Isopropyl Acetate	8.560	43	652528	50.375	ug/l	97
44) Trichloroethene	9.217	130	294236	48.786	ug/l	85
45) 1,2-Dichloropropane	9.491	63	284723	48.843	ug/l	97
46) Dibromomethane	9.579	93	222296	49.709	ug/l	93
47) Bromodichloromethane	9.762	83	454736	50.567	ug/l	100
48) Methyl methacrylate	9.561	41	274585	50.498	ug/l #	82
49) 1,4-Dioxane	9.569	88	99373	1131.293	ug/l	87
51) 4-Methyl-2-Pentanone	10.330	43	2047259	261.396	ug/l	96
52) Toluene	10.507	92	770179	51.167	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	495537	54.433	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	488573	51.005	ug/l	92
55) 1,1,2-Trichloroethane	10.899	97	316765	49.495	ug/l	96
56) Ethyl methacrylate	10.762	69	480751	48.482	ug/l	93
57) 1,3-Dichloropropane	11.046	76	509680	50.857	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	474882	237.837	ug/l	91
59) 2-Hexanone	11.087	43	1516963	281.117	ug/l	95
60) Dibromochloromethane	11.240	129	367548	54.446	ug/l	100
61) 1,2-Dibromoethane	11.347	107	326750	52.054	ug/l	99
64) Tetrachloroethene	10.979	164	269473	46.160	ug/l	94
65) Chlorobenzene	11.773	112	860950	48.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	344307	49.973	ug/l	99
67) Ethyl Benzene	11.846	91	1579730	50.344	ug/l	97
68) m/p-Xylenes	11.956	106	1205630	103.673	ug/l	88
69) o-Xylene	12.283	106	594655	51.757	ug/l	87
70) Styrene	12.296	104	1014100	55.507	ug/l	93
71) Bromoform	12.460	173	252515	51.917	ug/l #	98
73) Isopropylbenzene	12.581	105	1622326	47.325	ug/l	98
74) N-amyl acetate	12.390	43	564988	51.265	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	465491	44.694	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	344647m	40.456	ug/l	
77) Bromobenzene	12.862	156	357886	46.149	ug/l	75
78) n-propylbenzene	12.924	91	1882967	48.595	ug/l	96
79) 2-Chlorotoluene	13.010	91	1079839	48.246	ug/l	89
80) 1,3,5-Trimethylbenzene	13.063	105	1347242	49.491	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	146152	49.872	ug/l	93
82) 4-Chlorotoluene	13.106	91	1103292	49.049	ug/l	91
83) tert-Butylbenzene	13.326	119	1164439	48.467	ug/l	91
84) 1,2,4-Trimethylbenzene	13.369	105	1356604	50.782	ug/l	94
85) sec-Butylbenzene	13.503	105	1738540	50.117	ug/l	97
86) p-Isopropyltoluene	13.618	119	1455672	52.829	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	708912	49.019	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	686971	47.726	ug/l	95
89) n-Butylbenzene	13.946	91	1271569	52.205	ug/l	97
90) Hexachloroethane	14.214	117	263525	47.016	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	660308	47.419	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	84737	47.053	ug/l	72
93) 1,2,4-Trichlorobenzene	15.268	180	334064	52.874	ug/l	97
94) Hexachlorobutadiene	15.372	225	163469	45.902	ug/l	99
95) Naphthalene	15.509	128	880555	48.799	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	311697	51.444	ug/l	98

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

