

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092321\
 Data File : VN068620.D
 Acq On : 23 Sep 2021 14:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092321

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:58:55 PM

Quant Time: Sep 23 16:15:01 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	8.086	168	616666	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1005908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	946549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	439643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	463859	48.160	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.320%		
35) Dibromofluoromethane	8.024	113	338256	50.236	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.480%		
50) Toluene-d8	10.443	98	1322070	46.342	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.680%		
62) 4-Bromofluorobenzene	12.733	95	486918	49.906	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.820%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	339616	51.515	ug/l	99
3) Chloromethane	2.301	50	519594	47.789	ug/l	100
4) Vinyl Chloride	2.443	62	514432	48.723	ug/l	96
5) Bromomethane	2.834	94	246274	58.834	ug/l	99
6) Chloroethane	3.006	64	288388	52.745	ug/l	98
7) Trichlorofluoromethane	3.368	101	624634	50.844	ug/l	98
8) Diethyl Ether	3.824	74	218697	50.675	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	330900	50.392	ug/l	92
10) Methyl Iodide	4.422	142	386897	49.017	ug/l	92
11) Tert butyl alcohol	5.366	59	328140	221.444	ug/l	99
12) 1,1-Dichloroethene	4.183	96	311137	49.882	ug/l	93
13) Acrolein	4.041	56	85225	185.095	ug/l	99
14) Allyl chloride	4.840	41	630789	48.722	ug/l	98
15) Acrylonitrile	5.551	53	922548	230.980	ug/l	99
16) Acetone	4.283	43	943479	271.187	ug/l	97
17) Carbon Disulfide	4.532	76	887365	47.982	ug/l	99
18) Methyl Acetate	4.851	43	612513	43.257	ug/l	99
19) Methyl tert-butyl Ether	5.613	73	1168278	49.920	ug/l	96
20) Methylene Chloride	5.095	84	353712	48.426	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	335941	49.525	ug/l	95
22) Diisopropyl ether	6.495	45	1364423	51.153	ug/l	96
23) Vinyl Acetate	6.431	43	5330194	253.859	ug/l	100
24) 1,1-Dichloroethane	6.388	63	678143	49.041	ug/l	100
25) 2-Butanone	7.332	43	1409716	240.201	ug/l	100
26) 2,2-Dichloropropane	7.327	77	611741	51.846	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	405269	50.707	ug/l	94
28) Bromochloromethane	7.659	49	257751	41.830	ug/l	94
29) Tetrahydrofuran	7.681	42	913153	244.784	ug/l	97
30) Chloroform	7.820	83	699065	49.855	ug/l	99
31) Cyclohexane	8.096	56	663723	49.136	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	623146	50.765	ug/l	99
36) 1,1-Dichloropropene	8.222	75	531855	52.351	ug/l	98
37) Ethyl Acetate	7.410	43	567459	49.199	ug/l	98
38) Carbon Tetrachloride	8.206	117	546302	52.062	ug/l	96
39) Methylcyclohexane	9.461	83	641200	53.878	ug/l	98
40) Benzene	8.461	78	1531149	51.356	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	284761	46.679	ug/l	99
42) 1,2-Dichloroethane	8.531	62	586908	50.588	ug/l	99
43) Isopropyl Acetate	8.560	43	963081	48.811	ug/l	100
44) Trichloroethene	9.217	130	367594	51.156	ug/l	88
45) 1,2-Dichloropropane	9.491	63	402547	51.280	ug/l	98
46) Dibromomethane	9.579	93	264148	50.896	ug/l	92
47) Bromodichloromethane	9.762	83	552070	51.295	ug/l	97
48) Methyl methacrylate	9.561	41	440413	48.871	ug/l	96
49) 1,4-Dioxane	9.569	88	133784	1017.717	ug/l	100
51) 4-Methyl-2-Pentanone	10.330	43	2905286	243.481	ug/l	100
52) Toluene	10.507	92	969479	51.309	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	624879	52.628	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	648110	52.249	ug/l	96
55) 1,1,2-Trichloroethane	10.899	97	366342	50.014	ug/l	99
56) Ethyl methacrylate	10.762	69	621715	47.493	ug/l	96
57) 1,3-Dichloropropane	11.047	76	650017	50.832	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	811027	232.840	ug/l	97
59) 2-Hexanone	11.087	43	2147943	250.326	ug/l	100
60) Dibromochloromethane	11.240	129	415348	52.472	ug/l	98
61) 1,2-Dibromoethane	11.347	107	386715	51.616	ug/l	100
64) Tetrachloroethene	10.980	164	321844	51.780	ug/l	95
65) Chlorobenzene	11.773	112	1028517	51.434	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	385329	52.783	ug/l	99
67) Ethyl Benzene	11.846	91	1941451	53.290	ug/l	97
68) m/p-Xylenes	11.956	106	1465240	109.575	ug/l	89
69) o-Xylene	12.283	106	717273	54.600	ug/l	90
70) Styrene	12.296	104	1199990	56.791	ug/l	95
71) Bromoform	12.460	173	292686	53.147	ug/l #	99
73) Isopropylbenzene	12.581	105	1896181	48.101	ug/l	97
74) N-amyl acetate	12.388	43	830025	49.332	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	558450	45.207	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	470202m	43.255	ug/l	
77) Bromobenzene	12.862	156	429026	47.471	ug/l	80
78) n-propylbenzene	12.921	91	2253653	50.344	ug/l	96
79) 2-Chlorotoluene	13.010	91	1317234	48.704	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	1568486	50.665	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	188482	48.978	ug/l	96
82) 4-Chlorotoluene	13.106	91	1319069	50.188	ug/l	95
83) tert-Butylbenzene	13.326	119	1377759	48.997	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	1551550	51.410	ug/l	94
85) sec-Butylbenzene	13.503	105	1957595	51.173	ug/l	96
86) p-Isopropyltoluene	13.619	119	1642954	53.636	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	781435	50.954	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	758508	48.702	ug/l	96
89) n-Butylbenzene	13.946	91	1404054	52.831	ug/l	98
90) Hexachloroethane	14.214	117	296676	49.098	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	730485	49.112	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	104040	45.447	ug/l	80
93) 1,2,4-Trichlorobenzene	15.268	180	372113	50.436	ug/l	98
94) Hexachlorobutadiene	15.373	225	194786	49.127	ug/l	99
95) Naphthalene	15.509	128	953308	45.190	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	351323	48.736	ug/l	98

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

