

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110921\
 Data File : VN069419.D
 Acq On : 9 Nov 2021 13:07
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 09 13:48:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 13:40:38 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/10/2021
 Supervised By : Semsettin Yesilyurt 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1214346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2013296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2000028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	900313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	2580354	189.505	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 379.020%#			
35) Dibromofluoromethane	8.021	113	1868062	172.686	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 345.380%#			
50) Toluene-d8	10.443	98	7398712	173.814	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 347.620%#			
62) 4-Bromofluorobenzene	12.733	95	3012371	201.640	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 403.280%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	1991435	183.141	ug/l	99
3) Chloromethane	2.298	50	2106125	181.385	ug/l	99
4) Vinyl Chloride	2.443	62	2179260	161.512	ug/l	99
5) Bromomethane	2.815	94	1271586	117.079	ug/l	99
6) Chloroethane	2.974	64	1366973	147.909	ug/l	98
7) Trichlorofluoromethane	3.349	101	3280287	136.477	ug/l	98
8) Diethyl Ether	3.813	74	1076110	177.159	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.191	101	1578619	166.576	ug/l	94
10) Methyl Iodide	4.403	142	2149262	180.260	ug/l	97
11) Tert butyl alcohol	5.398	59	2640416	1087.176	ug/l	99
12) 1,1-Dichloroethene	4.164	96	1464794	167.587	ug/l	91
13) Acrolein	4.036	56	329456	734.739	ug/l	100
14) Allyl chloride	4.827	41	3398852	210.252	ug/l	94
15) Acrylonitrile	5.554	53	6363864	1029.264	ug/l	99
16) Acetone	4.288	43	7358784	1062.854	ug/l	98
17) Carbon Disulfide	4.513	76	3795160	191.279	ug/l	100
18) Methyl Acetate	4.851	43	4476344	193.824	ug/l	93
19) Methyl tert-butyl Ether	5.615	73	6341972	183.654	ug/l	96
20) Methylene Chloride	5.084	84	1852721	158.536	ug/l	89
21) trans-1,2-Dichloroethene	5.586	96	1670560	173.442	ug/l	90
22) Diisopropyl ether	6.498	45	7054410	204.314	ug/l	94
23) Vinyl Acetate	6.431	43	28664592	1076.722	ug/l	97
24) 1,1-Dichloroethane	6.382	63	3538358	186.280	ug/l	98
25) 2-Butanone	7.337	43	10192755	1110.603	ug/l	93
26) 2,2-Dichloropropane	7.321	77	3076375	193.147	ug/l	97
27) cis-1,2-Dichloroethene	7.321	96	2081514	173.999	ug/l	89
28) Bromochloromethane	7.656	49	1785402	178.236	ug/l	82
29) Tetrahydrofuran	7.686	42	6281154	1103.520	ug/l	91
30) Chloroform	7.817	83	3645595	177.425	ug/l	100
31) Cyclohexane	8.091	56	3289307	170.104	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	3195572	181.057	ug/l	97
36) 1,1-Dichloropropene	8.220	75	2640474	173.142	ug/l	97
37) Ethyl Acetate	7.415	43	3670687	199.154	ug/l	97
38) Carbon Tetrachloride	8.204	117	2682280	174.430	ug/l	98
39) Methylcyclohexane	9.459	83	3371251	175.736	ug/l	93
40) Benzene	8.458	78	7929334	168.949	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	1838323	207.105	ug/l	91
42) 1,2-Dichloroethane	8.528	62	3063722	175.638	ug/l	98
43) Isopropyl Acetate	8.563	43	6009833	209.423	ug/l	94
44) Trichloroethene	9.215	130	1987326	162.145	ug/l	93
45) 1,2-Dichloropropane	9.491	63	2140249	176.445	ug/l	100
46) Dibromomethane	9.577	93	1438783	170.094	ug/l	93
47) Bromodichloromethane	9.762	83	2910737	188.527	ug/l	99
48) Methyl methacrylate	9.561	41	2765786	213.299	ug/l	89
49) 1,4-Dioxane	9.571	88	1082262	3842.186	ug/l	90
51) 4-Methyl-2-Pentanone	10.328	43	18509348m	993.586	ug/l	
52) Toluene	10.505	92	5157003	171.596	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	3383446	211.756	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	3490717	199.234	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	2108324	173.420	ug/l	98
56) Ethyl methacrylate	10.762	69	3864522	209.996	ug/l	88
57) 1,3-Dichloropropane	11.046	76	3603983	176.959	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	5181932	1278.574	ug/l	93
59) 2-Hexanone	11.084	43	15459812	1117.936	ug/l	96
60) Dibromochloromethane	11.239	129	2256184	196.942	ug/l	100
61) 1,2-Dibromoethane	11.347	107	2238591	181.127	ug/l	99
64) Tetrachloroethene	10.979	164	1735475	140.996	ug/l	95
65) Chlorobenzene	11.771	112	5673926	159.222	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	2082389	166.183	ug/l	99
67) Ethyl Benzene	11.846	91	10479374	167.623	ug/l	98
68) m/p-Xylenes	11.953	106	7980278	368.728	ug/l	97
69) o-Xylene	12.280	106	4062303	172.359	ug/l	95
70) Styrene	12.296	104	6946975	186.840	ug/l	97
71) Bromoform	12.460	173	1784790	197.708	ug/l #	99
73) Isopropylbenzene	12.580	105	10718183	165.994	ug/l	99
74) N-amyl acetate	12.390	43	5142181	223.468	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	3327453	159.632	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	2915735m	150.283	ug/l	
77) Bromobenzene	12.862	156	2504467	157.003	ug/l	82
78) n-propylbenzene	12.921	91	12623298	179.870	ug/l	98
79) 2-Chlorotoluene	13.010	91	7537711	173.366	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	8933192	173.342	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	1156356	234.918	ug/l	96
82) 4-Chlorotoluene	13.106	91	7439736	180.630	ug/l	94
83) tert-Butylbenzene	13.326	119	7866114	166.442	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	8638794	173.213	ug/l	99
85) sec-Butylbenzene	13.503	105	11298840	179.107	ug/l	98
86) p-Isopropyltoluene	13.616	119	9113368	178.099	ug/l	97
87) 1,3-Dichlorobenzene	13.618	146	4316871	158.311	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	4182334	154.848	ug/l	98
89) n-Butylbenzene	13.943	91	8046949	200.961	ug/l	98
90) Hexachloroethane	14.211	117	1618816	196.451	ug/l	87
91) 1,2-Dichlorobenzene	13.991	146	4006705	149.742	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.605	75	697372	209.574	ug/l	84
93) 1,2,4-Trichlorobenzene	15.265	180	2251335	184.589	ug/l	98
94) Hexachlorobutadiene	15.372	225	1081494	142.643	ug/l	99
95) Naphthalene	15.507	128	6548529	198.302	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	2162521	180.159	ug/l	99

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

