

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120221\
 Data File : VN069704.D
 Acq On : 2 Dec 2021 19:20
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 03 07:49:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 07:46:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/06/2021

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	1208780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2040222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1988101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	831231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1830878	100.624	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 201.240%#			
35) Dibromofluoromethane	8.021	113	1259547	99.916	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 199.840%#			
50) Toluene-d8	10.443	98	5064195	102.249	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 204.500%#			
62) 4-Bromofluorobenzene	12.731	95	1955174	107.927	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 215.860%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.072	85	1479462	111.001	ug/l	99
3) Chloromethane	2.300	50	1674407	106.764	ug/l	99
4) Vinyl Chloride	2.445	62	1610474	104.571	ug/l	99
5) Bromomethane	2.821	94	836659	85.070	ug/l	99
6) Chloroethane	2.990	64	939927	91.838	ug/l	98
7) Trichlorofluoromethane	3.360	101	2057519	89.116	ug/l	98
8) Diethyl Ether	3.818	74	809759	104.309	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.197	101	1168184	103.983	ug/l	96
10) Methyl Iodide	4.411	142	1751818	121.714	ug/l	98
11) Tert butyl alcohol	5.395	59	1883033	569.279	ug/l	99
12) 1,1-Dichloroethene	4.170	96	1142814	111.983	ug/l	89
13) Acrolein	4.036	56	1488551	1463.699	ug/l	99
14) Allyl chloride	4.832	41	2642790	116.507	ug/l	93
15) Acrylonitrile	5.556	53	4803575	567.724	ug/l	99
16) Acetone	4.290	43	5349169	539.436	ug/l	96
17) Carbon Disulfide	4.518	76	3152196	127.537	ug/l	99
18) Methyl Acetate	4.854	43	3270170	103.107	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	4524206	106.256	ug/l	97
20) Methylene Chloride	5.090	84	1407938	101.754	ug/l	86
21) trans-1,2-Dichloroethene	5.591	96	1234711	108.597	ug/l	86
22) Diisopropyl ether	6.500	45	5200905	108.159	ug/l	93
23) Vinyl Acetate	6.433	43	21927624	582.671	ug/l	95
24) 1,1-Dichloroethane	6.385	63	2631130	107.155	ug/l	98
25) 2-Butanone	7.337	43	7647924	569.166	ug/l	92
26) 2,2-Dichloropropane	7.324	77	2069982	108.885	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	1507206	107.562	ug/l	87
28) Bromochloromethane	7.659	49	1398837	110.645	ug/l #	79
29) Tetrahydrofuran	7.686	42	4760838	579.470	ug/l	89
30) Chloroform	7.817	83	2637926	105.324	ug/l	99
31) Cyclohexane	8.094	56	2490694	100.011	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	2326194	110.839	ug/l	96
36) 1,1-Dichloropropene	8.222	75	1961560	110.761	ug/l	97
37) Ethyl Acetate	7.418	43	2857423	117.449	ug/l	96
38) Carbon Tetrachloride	8.206	117	1957336	114.227	ug/l	98
39) Methylcyclohexane	9.459	83	2382406	109.111	ug/l	91
40) Benzene	8.458	78	5891230	107.846	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	1444767	115.013	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	2332734	108.531	ug/l	96
43) Isopropyl Acetate	8.563	43	4400659	114.095	ug/l #	94
44) Trichloroethene	9.217	130	1435563	109.720	ug/l	91
45) 1,2-Dichloropropane	9.491	63	1586950	108.998	ug/l	99
46) Dibromomethane	9.577	93	1044961	107.304	ug/l	93
47) Bromodichloromethane	9.764	83	2089783	114.988	ug/l	100
48) Methyl methacrylate	9.561	41	2121075	117.825	ug/l	86
49) 1,4-Dioxane	9.571	88	761948	2354.048	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	14854392	594.630	ug/l	97
52) Toluene	10.507	92	3738457	110.525	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	2373296	124.443	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	2485330	119.422	ug/l #	90
55) 1,1,2-Trichloroethane	10.899	97	1497582	110.003	ug/l	98
56) Ethyl methacrylate	10.762	69	2743935	120.775	ug/l #	86
57) 1,3-Dichloropropane	11.046	76	2630201	109.484	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	3655711	678.177	ug/l	92
59) 2-Hexanone	11.087	43	11113902	596.112	ug/l	94
60) Dibromochloromethane	11.239	129	1566965	122.416	ug/l	100
61) 1,2-Dibromoethane	11.347	107	1610121	116.353	ug/l	99
64) Tetrachloroethene	10.979	164	1286176	103.758	ug/l	96
65) Chlorobenzene	11.771	112	4000099	105.358	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	1464165	110.907	ug/l	99
67) Ethyl Benzene	11.846	91	7469050	106.552	ug/l	96
68) m/p-Xylenes	11.956	106	5511584	214.615	ug/l	94
69) o-Xylene	12.280	106	2788906	108.837	ug/l	92
70) Styrene	12.296	104	4643957	112.765	ug/l	96
71) Bromoform	12.460	173	1223274	128.695	ug/l #	100
73) Isopropylbenzene	12.580	105	7342158	107.924	ug/l	99
74) N-amyl acetate	12.390	43	3440496	118.205	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	2331586	101.130	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	2172841m	101.023	ug/l	
77) Bromobenzene	12.862	156	1699910	108.788	ug/l	79
78) n-propylbenzene	12.921	91	8450055	110.356	ug/l	96
79) 2-Chlorotoluene	13.010	91	5144178	108.237	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	5987205	108.754	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	753765	124.702	ug/l	97
82) 4-Chlorotoluene	13.106	91	4961006	109.624	ug/l	93
83) tert-Butylbenzene	13.323	119	5294246	109.806	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	5793121	109.116	ug/l	97
85) sec-Butylbenzene	13.503	105	7420464	110.541	ug/l	97
86) p-Isopropyltoluene	13.616	119	5877873	110.602	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	2807077	104.609	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	2744034	104.455	ug/l	98
89) n-Butylbenzene	13.943	91	5003293	113.451	ug/l	97
90) Hexachloroethane	14.211	117	1077869	122.154	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	2675642	104.582	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	491282	129.796	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	1370161	122.225	ug/l	98
94) Hexachlorobutadiene	15.372	225	698272	104.729	ug/l	99
95) Naphthalene	15.507	128	4115480	134.554	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	1329566	122.888	ug/l	98

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

