

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100522\
 Data File : VN074740.D
 Acq On : 05 Oct 2022 13:47
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 06 04:42:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 04:37:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/06/2022
 Supervised By : Mahesh Dadoda 10/06/2022

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	390107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	716900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	794279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	541749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	916756	99.181	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 198.360%#			
35) Dibromofluoromethane	8.171	113	735710	100.292	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 200.580%#			
50) Toluene-d8	10.571	98	3243886	104.372	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 208.740%#			
62) 4-Bromofluorobenzene	12.853	95	1102800	116.726	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 233.460%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	720083	90.007	ug/l	100
3) Chloromethane	2.377	50	963171	80.954	ug/l	99
4) Vinyl Chloride	2.530	62	1268274	86.095	ug/l	96
5) Bromomethane	2.924	94	796324	76.661	ug/l	99
6) Chloroethane	3.095	64	864715	78.950	ug/l	99
7) Trichlorofluoromethane	3.489	101	982567	84.071	ug/l	97
8) Diethyl Ether	3.977	74	498840	82.364	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	604389	84.976	ug/l	99
10) Methyl Iodide	4.606	142	786186	91.152	ug/l	99
11) Tert butyl alcohol	5.565	59	1325937	432.808	ug/l	100
12) 1,1-Dichloroethene	4.353	96	632220	83.238	ug/l	97
13) Acrolein	4.200	56	338545	368.332	ug/l	99
14) Allyl chloride	5.036	41	1427172	90.323	ug/l	99
15) Acrylonitrile	5.742	53	3088057	457.344	ug/l	99
16) Acetone	4.453	43	2254672	430.431	ug/l	91
17) Carbon Disulfide	4.724	76	1835368	88.708	ug/l	99
18) Methyl Acetate	5.047	43	1713158	88.336	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	2726588	92.568	ug/l	95
20) Methylene Chloride	5.289	84	801628	82.743	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	721576	86.033	ug/l	95
22) Diisopropyl ether	6.694	45	3077444	93.909	ug/l	98
23) Vinyl Acetate	6.624	43	12211997	449.840	ug/l	100
24) 1,1-Dichloroethane	6.583	63	1531040	89.854	ug/l	99
25) 2-Butanone	7.500	43	4291485	451.424	ug/l	99
26) 2,2-Dichloropropane	7.506	77	1236692	87.997	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	872611	90.511	ug/l	99
28) Bromochloromethane	7.824	49	788881	102.611	ug/l	99
29) Tetrahydrofuran	7.853	42	3045371	459.634	ug/l	98
30) Chloroform	7.977	83	1475249	94.526	ug/l	97
31) Cyclohexane	8.265	56	1422329	89.030	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	1249779	93.948	ug/l	98
36) 1,1-Dichloropropene	8.377	75	1094734	93.291	ug/l	99
37) Ethyl Acetate	7.500	43	4291485	88.144	ug/l #	51
38) Carbon Tetrachloride	8.371	117	1034516	93.570	ug/l	98
39) Methylcyclohexane	9.606	83	1440668	94.858	ug/l	96
40) Benzene	8.612	78	3520040	92.745	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	867957	93.691	ug/l	99
42) 1,2-Dichloroethane	8.677	62	1121458	94.134	ug/l	100
43) Isopropyl Acetate	8.700	43	2677065	92.120	ug/l	99
44) Trichloroethene	9.353	130	716950	90.699	ug/l	97
45) 1,2-Dichloropropane	9.629	63	932471	90.736	ug/l	100
46) Dibromomethane	9.718	93	592007	98.172	ug/l	97
47) Bromodichloromethane	9.894	83	1184255	96.122	ug/l	97
48) Methyl methacrylate	9.612	41	1140844	95.621	ug/l #	100
49) 1,4-Dioxane	9.700	88	492683	1905.298	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	9079039	485.152	ug/l	100
52) Toluene	10.635	92	2293222	100.579	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	1478415	100.711	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	1503254	94.851	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	879207	95.902	ug/l	99
56) Ethyl methacrylate	10.876	69	1678114	100.503	ug/l	99
57) 1,3-Dichloropropane	11.165	76	1594863	96.522	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	3007108	499.318	ug/l	100
59) 2-Hexanone	11.200	43	7055972	498.481	ug/l	100
60) Dibromochloromethane	11.365	129	926602	102.601	ug/l	99
61) 1,2-Dibromoethane	11.471	107	887559	95.210	ug/l	99
64) Tetrachloroethene	11.106	164	582400	90.324	ug/l	98
65) Chlorobenzene	11.894	112	2262961	93.000	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	812583	91.457	ug/l	100
67) Ethyl Benzene	11.965	91	4330978	95.490	ug/l	99
68) m/p-Xylenes	12.076	106	3387377	198.955	ug/l	99
69) o-Xylene	12.400	106	1698267	97.224	ug/l	98
70) Styrene	12.412	104	2903108	105.424	ug/l	99
71) Bromoform	12.582	173	710833	104.883	ug/l	98
73) Isopropylbenzene	12.700	105	4506904	86.452	ug/l	99
74) N-amyl acetate	12.494	43	2552640	80.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	1599853	77.540	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	1443070m	85.736	ug/l	
77) Bromobenzene	12.982	156	891090	82.732	ug/l	99
78) n-propylbenzene	13.041	91	5327581	88.706	ug/l	99
79) 2-Chlorotoluene	13.129	91	3076533	84.476	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	3716245	89.382	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	690087	83.152	ug/l	98
82) 4-Chlorotoluene	13.223	91	3049147	90.299	ug/l	100
83) tert-Butylbenzene	13.441	119	3191038	88.816	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	3723902	88.579	ug/l	99
85) sec-Butylbenzene	13.617	105	4772498	91.409	ug/l	100
86) p-Isopropyltoluene	13.729	119	3843204	95.387	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	1815776	87.824	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	1802914	92.321	ug/l	99
89) n-Butylbenzene	14.059	91	3517103	99.037	ug/l	99
90) Hexachloroethane	14.335	117	749623	83.211	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	1846033	92.715	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	351826	80.903	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	841358	96.603	ug/l	98
94) Hexachlorobutadiene	15.500	225	356106	87.405	ug/l	99
95) Naphthalene	15.641	128	3661644	97.247	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	845600	90.343	ug/l	99

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

