

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080723\
 Data File : VN078782.D
 Acq On : 07 Aug 2023 18:27
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Aug 08 05:12:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/08/2023
 Supervised By : Semsettin Yesilyurt 08/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	172600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	297294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	274847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	114051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	191343	73.948	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 147.900%#			
35) Dibromofluoromethane	8.177	113	152172	75.796	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 151.600%#			
50) Toluene-d8	10.576	98	590392	79.910	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 159.820%#			
62) 4-Bromofluorobenzene	12.853	95	187192	84.778	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 169.560%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	173101	67.958	ug/l	97
3) Chloromethane	2.371	50	190456	64.100	ug/l	99
4) Vinyl Chloride	2.518	62	185350	66.068	ug/l	98
5) Bromomethane	2.936	94	120786	60.791	ug/l	97
6) Chloroethane	3.112	64	126654	68.660	ug/l	99
7) Trichlorofluoromethane	3.494	101	258252	67.016	ug/l	96
8) Diethyl Ether	3.971	74	97225	69.144	ug/l	59
9) 1,1,2-Trichlorotrifluo...	4.377	101	136991	68.249	ug/l	96
10) Methyl Iodide	4.594	142	187984	72.935	ug/l	97
11) Tert butyl alcohol	5.541	59	146267	322.088	ug/l	100
12) 1,1-Dichloroethene	4.347	96	136841	67.838	ug/l	84
13) Acrolein	4.189	56	146054	380.118	ug/l	93
14) Allyl chloride	5.036	41	247107	73.572	ug/l #	90
15) Acrylonitrile	5.736	53	424308	358.785	ug/l	98
16) Acetone	4.441	43	343190	344.714	ug/l	89
17) Carbon Disulfide	4.718	76	388810	67.570	ug/l	99
18) Methyl Acetate	5.036	43	313448	70.099	ug/l #	82
19) Methyl tert-butyl Ether	5.812	73	486839	71.446	ug/l	96
20) Methylene Chloride	5.288	84	165724	67.212	ug/l #	78
21) trans-1,2-Dichloroethene	5.794	96	156972	69.539	ug/l #	84
22) Diisopropyl ether	6.683	45	572702	70.976	ug/l #	89
23) Vinyl Acetate	6.618	43	1862012	367.722	ug/l #	83
24) 1,1-Dichloroethane	6.577	63	309033	70.430	ug/l	96
25) 2-Butanone	7.494	43	604650	358.654	ug/l #	80
26) 2,2-Dichloropropane	7.500	77	226989	74.079	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	183914	70.964	ug/l	88
28) Bromochloromethane	7.824	49	172124	72.394	ug/l #	74
29) Tetrahydrofuran	7.847	42	412717	365.830	ug/l #	70
30) Chloroform	7.977	83	304035	68.801	ug/l	96
31) Cyclohexane	8.265	56	255678	67.250	ug/l	83
32) 1,1,1-Trichloroethane	8.177	97	266449	70.936	ug/l	94
36) 1,1-Dichloropropene	8.377	75	231782	74.415	ug/l	95
37) Ethyl Acetate	7.571	43	242202	73.136	ug/l #	89
38) Carbon Tetrachloride	8.371	117	239073	74.456	ug/l	98
39) Methylcyclohexane	9.606	83	220412	75.762	ug/l	90
40) Benzene	8.612	78	680946	72.280	ug/l	100

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41) Methacrylonitrile	7.788	41	131652	71.499	ug/l #	81
42) 1,2-Dichloroethane	8.676	62	248865	73.495	ug/l	98
43) Isopropyl Acetate	8.694	43	414016	74.152	ug/l #	87
44) Trichloroethene	9.359	130	164152	71.146	ug/l	99
45) 1,2-Dichloropropane	9.629	63	184150	72.916	ug/l	99
46) Dibromomethane	9.712	93	121743	72.429	ug/l	95
47) Bromodichloromethane	9.894	83	243800	72.873	ug/l	99
48) Methyl methacrylate	9.688	41	194897	75.547	ug/l #	79
49) 1,4-Dioxane	9.700	88	61324	1463.854	ug/l #	80
51) 4-Methyl-2-Pentanone	10.453	43	1313102	383.957	ug/l #	85
52) Toluene	10.635	92	434415	75.505	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	262576	76.814	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	280722	75.588	ug/l #	83
55) 1,1,2-Trichloroethane	11.023	97	168068	73.488	ug/l	96
56) Ethyl methacrylate	10.882	69	264683	79.811	ug/l #	74
57) 1,3-Dichloropropane	11.170	76	296848	74.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	487915	409.802	ug/l	89
59) 2-Hexanone	11.200	43	939723	388.059	ug/l	84
60) Dibromochloromethane	11.365	129	184297	76.781	ug/l	99
61) 1,2-Dibromoethane	11.476	107	168125	74.221	ug/l	97
64) Tetrachloroethene	11.106	164	147850	69.816	ug/l	92
65) Chlorobenzene	11.900	112	440721	70.412	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	166535	68.695	ug/l	97
67) Ethyl Benzene	11.970	91	809971	72.650	ug/l	97
68) m/p-Xylenes	12.076	106	601757	146.300	ug/l	96
69) o-Xylene	12.406	106	299538	74.187	ug/l	99
70) Styrene	12.417	104	488967	77.163	ug/l	98
71) Bromoform	12.582	173	128483	75.986	ug/l #	99
73) Isopropylbenzene	12.700	105	751019	66.907	ug/l	99
74) N-amyl acetate	12.500	43	339198	66.616	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	242217	63.495	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	198532m	64.384	ug/l	
77) Bromobenzene	12.988	156	175412	66.601	ug/l	99
78) n-propylbenzene	13.041	91	839685	68.061	ug/l	99
79) 2-Chlorotoluene	13.129	91	511934	64.588	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	594911	66.159	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	84995	73.964	ug/l	92
82) 4-Chlorotoluene	13.223	91	497141	68.561	ug/l	99
83) tert-Butylbenzene	13.441	119	498086	66.507	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	591976	68.500	ug/l	99
85) sec-Butylbenzene	13.623	105	661563	67.557	ug/l	99
86) p-Isopropyltoluene	13.735	119	527654	67.764	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	296803	70.558	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	282691	67.795	ug/l	99
89) n-Butylbenzene	14.058	91	403665	69.092	ug/l	99
90) Hexachloroethane	14.341	117	107970	66.901	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	282393	69.687	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	40229	68.751	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	96705	84.933	ug/l	99
94) Hexachlorobutadiene	15.505	225	48879	72.518	ug/l	98
95) Naphthalene	15.647	128	308602	81.200	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	98624	72.743	ug/l	96

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

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