

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080723\
 Data File : VN078786.D
 Acq On : 07 Aug 2023 20:04
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Aug 08 05:17:32 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	8.236	168	140914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	250358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	209359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	69298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	20525	9.716	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	19.440%	#	
35) Dibromofluoromethane	8.177	113	15633	9.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	18.500%	#	
50) Toluene-d8	10.571	98	55432	8.909	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	17.820%	#	
62) 4-Bromofluorobenzene	12.853	95	15826	8.511	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	17.020%	#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	23456	11.279	ug/l	99
3) Chloromethane	2.371	50	27849	11.481	ug/l	99
4) Vinyl Chloride	2.518	62	25210	11.007	ug/l	89
5) Bromomethane	2.965	94	19351	11.929	ug/l	94
6) Chloroethane	3.124	64	17014	11.297	ug/l	98
7) Trichlorofluoromethane	3.501	101	35191	11.185	ug/l	95
8) Diethyl Ether	3.965	74	12614	10.988	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.383	101	17835	10.883	ug/l	96
10) Methyl Iodide	4.606	142	22617	10.748	ug/l	98
11) Tert butyl alcohol	5.547	59	21063	56.811	ug/l #	86
12) 1,1-Dichloroethene	4.353	96	19101	11.599	ug/l	94
13) Acrolein	4.189	56	14646	46.689	ug/l	92
14) Allyl chloride	5.042	41	27235	9.932	ug/l #	61
15) Acrylonitrile	5.736	53	51380	53.215	ug/l	99
16) Acetone	4.453	43	44150	54.318	ug/l #	85
17) Carbon Disulfide	4.718	76	53414	11.370	ug/l	97
18) Methyl Acetate	5.042	43	38838	10.639	ug/l #	83
19) Methyl tert-butyl Ether	5.818	73	60978	10.961	ug/l	95
20) Methylene Chloride	5.289	84	22062	10.960	ug/l #	70
21) trans-1,2-Dichloroethene	5.800	96	20326	11.029	ug/l	97
22) Diisopropyl ether	6.689	45	72929	11.070	ug/l #	86
23) Vinyl Acetate	6.624	43	213911	51.744	ug/l #	81
24) 1,1-Dichloroethane	6.577	63	40905	11.419	ug/l	96
25) 2-Butanone	7.500	43	76060	55.261	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	26644	10.651	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	24025	11.355	ug/l	89
28) Bromochloromethane	7.818	49	22338	11.508	ug/l #	70
29) Tetrahydrofuran	7.853	42	50263	54.571	ug/l #	71
30) Chloroform	7.977	83	40158	11.131	ug/l	88
31) Cyclohexane	8.265	56	35097	11.307	ug/l	90
32) 1,1,1-Trichloroethane	8.183	97	32992	10.758	ug/l	96
36) 1,1-Dichloropropene	8.383	75	27663	10.546	ug/l	97
37) Ethyl Acetate	7.571	43	29906	10.724	ug/l #	90
38) Carbon Tetrachloride	8.371	117	29415	10.878	ug/l	91
39) Methylcyclohexane	9.606	83	25487	10.403	ug/l #	74
40) Benzene	8.612	78	86806	10.942	ug/l	98

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41) Methacrylonitrile	7.789	41	16809	10.840	ug/l #	80
42) 1,2-Dichloroethane	8.683	62	31441	11.026	ug/l	87
43) Isopropyl Acetate	8.694	43	49332	10.492	ug/l #	88
44) Trichloroethene	9.359	130	21204	10.913	ug/l	91
45) 1,2-Dichloropropane	9.630	63	23770	11.177	ug/l	93
46) Dibromomethane	9.712	93	14986	10.587	ug/l	90
47) Bromodichloromethane	9.894	83	29531	10.482	ug/l	90
48) Methyl methacrylate	9.688	41	23342	10.744	ug/l #	77
49) 1,4-Dioxane	9.706	88	7818	221.609	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	150816	52.367	ug/l #	84
52) Toluene	10.635	92	50419	10.406	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	29495	10.246	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	32069	10.254	ug/l #	74
55) 1,1,2-Trichloroethane	11.018	97	20576	10.684	ug/l #	89
56) Ethyl methacrylate	10.882	69	26780	9.589	ug/l #	69
57) 1,3-Dichloropropane	11.171	76	35453	10.588	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	49873	49.742	ug/l	90
59) 2-Hexanone	11.200	43	106053	52.005	ug/l	81
60) Dibromochloromethane	11.365	129	20591	10.187	ug/l	99
61) 1,2-Dibromoethane	11.471	107	19719	10.337	ug/l	98
64) Tetrachloroethene	11.112	164	18417	11.417	ug/l	96
65) Chlorobenzene	11.900	112	53013	11.119	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.965	131	21506	11.646	ug/l	95
67) Ethyl Benzene	11.971	91	90296	10.632	ug/l	93
68) m/p-Xylenes	12.076	106	66194	21.127	ug/l	100
69) o-Xylene	12.406	106	32858	10.684	ug/l	96
70) Styrene	12.418	104	49711	10.299	ug/l	98
71) Bromoform	12.582	173	13386	10.393	ug/l #	99
73) Isopropylbenzene	12.700	105	80559	11.812	ug/l	99
74) N-amyl acetate	12.500	43	35486	11.470	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.941	83	27793	11.991	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	22295m	11.900	ug/l	
77) Bromobenzene	12.982	156	19028	11.890	ug/l	98
78) n-propylbenzene	13.041	91	83686	11.164	ug/l	99
79) 2-Chlorotoluene	13.129	91	54797	11.378	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	60893	11.145	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	8672	12.420	ug/l	92
82) 4-Chlorotoluene	13.229	91	49342	11.199	ug/l	97
83) tert-Butylbenzene	13.441	119	51263	11.265	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	58309	11.105	ug/l	98
85) sec-Butylbenzene	13.623	105	67035	11.266	ug/l	96
86) p-Isopropyltoluene	13.735	119	50474	10.668	ug/l	96
87) 1,3-Dichlorobenzene	13.741	146	27663	10.823	ug/l	99
88) 1,4-Dichlorobenzene	13.823	146	28492	11.246	ug/l	99
89) n-Butylbenzene	14.059	91	35836	10.095	ug/l	96
90) Hexachloroethane	14.335	117	11605	11.835	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	27665	11.236	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	4439	12.485	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	6556	9.476	ug/l	97
94) Hexachlorobutadiene	15.506	225	6484	10.992	ug/l	96
95) Naphthalene	15.647	128	21729	9.410	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.847	180	8708	10.571	ug/l	99

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

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