

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082123\
 Data File : VN078966.D
 Acq On : 21 Aug 2023 11:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 22 00:53:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/22/2023
 Supervised By : Mahesh Dadoda 08/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	217598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	359298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	332100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156507	46.222	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.440%			
35) Dibromofluoromethane	8.171	113	126880	52.460	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.920%			
50) Toluene-d8	10.571	98	467358	52.041	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.080%			
62) 4-Bromofluorobenzene	12.853	95	160527	54.687	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	143626	47.570	ug/l	98
3) Chloromethane	2.365	50	155639	36.921	ug/l	99
4) Vinyl Chloride	2.512	62	161758	43.754	ug/l	96
5) Bromomethane	2.942	94	95914	45.188	ug/l	95
6) Chloroethane	3.112	64	102636	39.713	ug/l	98
7) Trichlorofluoromethane	3.495	101	216300	48.036	ug/l	98
8) Diethyl Ether	3.965	74	80062	46.901	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.371	101	115586	48.197	ug/l	98
10) Methyl Iodide	4.589	142	145441	54.204	ug/l	94
11) Tert butyl alcohol	5.530	59	112747	198.436	ug/l	99
12) 1,1-Dichloroethene	4.342	96	114119	48.851	ug/l	86
13) Acrolein	4.177	56	78239	257.545	ug/l	97
14) Allyl chloride	5.024	41	203612	43.792	ug/l #	89
15) Acrylonitrile	5.724	53	341824	222.075	ug/l	99
16) Acetone	4.430	43	368717	263.912	ug/l	89
17) Carbon Disulfide	4.712	76	319013	48.785	ug/l	100
18) Methyl Acetate	5.030	43	252799	42.832	ug/l #	81
19) Methyl tert-butyl Ether	5.800	73	397739	47.265	ug/l	97
20) Methylene Chloride	5.283	84	132622	44.544	ug/l #	82
21) trans-1,2-Dichloroethene	5.795	96	129819	49.557	ug/l #	84
22) Diisopropyl ether	6.677	45	467802	47.560	ug/l #	87
23) Vinyl Acetate	6.606	43	1519882	234.678	ug/l #	84
24) 1,1-Dichloroethane	6.577	63	252203	46.935	ug/l	97
25) 2-Butanone	7.489	43	522398	233.218	ug/l #	75
26) 2,2-Dichloropropane	7.494	77	212831	49.001	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	149336	46.902	ug/l	85
28) Bromochloromethane	7.824	49	133030	46.670	ug/l #	76
29) Tetrahydrofuran	7.841	42	327755	221.065	ug/l #	71
30) Chloroform	7.971	83	256759	47.829	ug/l	91
31) Cyclohexane	8.259	56	194315	45.794	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	217565	47.530	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	194500	53.460	ug/l	94
37) Ethyl Acetate	7.565	43	201403	49.477	ug/l #	89
38) Carbon Tetrachloride	8.365	117	193028	52.951	ug/l	98
39) Methylcyclohexane	9.606	83	160676	48.020	ug/l #	86
40) Benzene	8.606	78	551676	51.301	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	117151	52.842	ug/l #	79
42) 1,2-Dichloroethane	8.677	62	204021	50.782	ug/l	97
43) Isopropyl Acetate	8.694	43	354160	49.224	ug/l #	86
44) Trichloroethene	9.353	130	133584	52.280	ug/l	95
45) 1,2-Dichloropropane	9.630	63	144848	50.591	ug/l	97
46) Dibromomethane	9.718	93	99494	50.664	ug/l	95
47) Bromodichloromethane	9.894	83	200882	51.803	ug/l	98
48) Methyl methacrylate	9.688	41	165193	50.668	ug/l #	76
49) 1,4-Dioxane	9.700	88	52016	936.669	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1038297	243.317	ug/l #	85
52) Toluene	10.635	92	343132	51.971	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	221704	53.313	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	232589	51.354	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	135503	51.186	ug/l	98
56) Ethyl methacrylate	10.882	69	212066	51.677	ug/l #	71
57) 1,3-Dichloropropane	11.171	76	241937	51.095	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	450489	228.690	ug/l	90
59) 2-Hexanone	11.200	43	770441	249.271	ug/l	83
60) Dibromochloromethane	11.365	129	147962	53.113	ug/l	99
61) 1,2-Dibromoethane	11.477	107	136182	50.621	ug/l	99
64) Tetrachloroethene	11.106	164	107337	51.538	ug/l	94
65) Chlorobenzene	11.894	112	363922	51.480	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	140218	52.486	ug/l	97
67) Ethyl Benzene	11.971	91	636013	49.474	ug/l	98
68) m/p-Xylenes	12.077	106	483997	100.698	ug/l	94
69) o-Xylene	12.400	106	241172	51.581	ug/l	96
70) Styrene	12.418	104	398872	51.162	ug/l	97
71) Bromoform	12.582	173	105854	54.501	ug/l #	97
73) Isopropylbenzene	12.700	105	582309	48.449	ug/l	99
74) N-amyl acetate	12.500	43	287724	47.427	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	202219	46.597	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	159727m	45.989	ug/l	
77) Bromobenzene	12.988	156	149028	51.585	ug/l	99
78) n-propylbenzene	13.041	91	672678	48.265	ug/l	100
79) 2-Chlorotoluene	13.129	91	416469	48.172	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	466885	49.019	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	68762	50.576	ug/l #	85
82) 4-Chlorotoluene	13.224	91	419391	49.577	ug/l	100
83) tert-Butylbenzene	13.441	119	374251	46.766	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	467801	49.602	ug/l	99
85) sec-Butylbenzene	13.618	105	509845	46.294	ug/l	99
86) p-Isopropyltoluene	13.735	119	429289	48.788	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	251167	50.524	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	246160	49.472	ug/l	98
89) n-Butylbenzene	14.059	91	347251	47.955	ug/l	100
90) Hexachloroethane	14.335	117	81929	46.450	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	247529	50.070	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36352	50.716	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	93888	53.572	ug/l	97
94) Hexachlorobutadiene	15.506	225	46868	51.717	ug/l	97
95) Naphthalene	15.641	128	294905	44.685	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	95147	49.569	ug/l	94

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

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