

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077938.D
 Acq On : 26 May 2023 19:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 29 00:33:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	340099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	623185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	540516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	235457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	247826	48.701	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.400%		
35) Dibromofluoromethane	8.177	113	214521	52.789	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.580%		
50) Toluene-d8	10.576	98	791956	50.632	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.260%		
62) 4-Bromofluorobenzene	12.859	95	261857	47.401	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	164861	42.594	ug/l	98
3) Chloromethane	2.371	50	184606	44.798	ug/l	98
4) Vinyl Chloride	2.518	62	238800	48.935	ug/l	98
5) Bromomethane	2.947	94	177513	49.184	ug/l	99
6) Chloroethane	3.118	64	178140	50.653	ug/l	99
7) Trichlorofluoromethane	3.500	101	339260	49.885	ug/l	98
8) Diethyl Ether	3.965	74	123993	49.942	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	188079	49.973	ug/l	98
10) Methyl Iodide	4.600	142	254414	56.682	ug/l	95
11) Tert butyl alcohol	5.541	59	167345	238.283	ug/l	97
12) 1,1-Dichloroethene	4.347	96	180548	50.473	ug/l	95
13) Acrolein	4.189	56	107904	246.578	ug/l	97
14) Allyl chloride	5.036	41	241579	45.972	ug/l	92
15) Acrylonitrile	5.730	53	459381	244.837	ug/l	99
16) Acetone	4.436	43	364482	227.661	ug/l	93
17) Carbon Disulfide	4.718	76	433515	44.979	ug/l	99
18) Methyl Acetate	5.036	43	340874	50.752	ug/l	88
19) Methyl tert-butyl Ether	5.806	73	640515	49.470	ug/l	98
20) Methylene Chloride	5.283	84	220286	52.982	ug/l	88
21) trans-1,2-Dichloroethene	5.794	96	203171	50.564	ug/l	86
22) Diisopropyl ether	6.683	45	610833	49.592	ug/l	96
23) Vinyl Acetate	6.612	43	2087450m	273.533	ug/l	
24) 1,1-Dichloroethane	6.577	63	388831	51.528	ug/l	96
25) 2-Butanone	7.494	43	585130	233.638	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	286476	44.686	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	249983	51.886	ug/l	94
28) Bromochloromethane	7.818	49	143318	43.915	ug/l	89
29) Tetrahydrofuran	7.847	42	383685	233.971	ug/l #	84
30) Chloroform	7.977	83	426457	51.375	ug/l	95
31) Cyclohexane	8.265	56	320027	46.271	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	374645	53.085	ug/l	97
36) 1,1-Dichloropropene	8.382	75	307083	51.664	ug/l	96
37) Ethyl Acetate	7.571	43	245345	46.311	ug/l #	93
38) Carbon Tetrachloride	8.371	117	327021	54.485	ug/l	98
39) Methylcyclohexane	9.606	83	340758	46.828	ug/l	92
40) Benzene	8.618	78	922301	52.583	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	127110	45.053	ug/l	93
42) 1,2-Dichloroethane	8.677	62	319963	50.218	ug/l	98
43) Isopropyl Acetate	8.694	43	419330	48.459	ug/l	96
44) Trichloroethene	9.359	130	237829	53.550	ug/l	99
45) 1,2-Dichloropropane	9.629	63	234695	52.458	ug/l	98
46) Dibromomethane	9.718	93	164316	51.326	ug/l	94
47) Bromodichloromethane	9.894	83	326872	53.331	ug/l	98
48) Methyl methacrylate	9.688	41	199423	48.607	ug/l	89
49) 1,4-Dioxane	9.706	88	84156	1086.030	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1290567	250.904	ug/l	94
52) Toluene	10.635	92	593371	54.340	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	337446	51.990	ug/l	100
54) cis-1,3-Dichloropropene	10.323	75	366082	51.181	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	235654	54.352	ug/l	98
56) Ethyl methacrylate	10.882	69	339230	51.747	ug/l	91
57) 1,3-Dichloropropane	11.170	76	390796	52.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	669711	207.656	ug/l	92
59) 2-Hexanone	11.200	43	905030	237.880	ug/l	93
60) Dibromochloromethane	11.365	129	248372	55.490	ug/l	99
61) 1,2-Dibromoethane	11.476	107	233832	54.060	ug/l	99
64) Tetrachloroethene	11.112	164	227372	60.152	ug/l	95
65) Chlorobenzene	11.900	112	624417	53.288	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.970	131	237135	58.487	ug/l	98
67) Ethyl Benzene	11.970	91	1142488	54.407	ug/l	100
68) m/p-Xylenes	12.076	106	879309	110.513	ug/l	98
69) o-Xylene	12.406	106	428977	54.822	ug/l	99
70) Styrene	12.417	104	686443	55.223	ug/l	98
71) Bromoform	12.588	173	151079	56.014	ug/l #	99
73) Isopropylbenzene	12.706	105	1110867	54.732	ug/l	99
74) N-amyl acetate	12.500	43	334274	44.557	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	314490	50.367	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	277352m	47.035	ug/l	
77) Bromobenzene	12.988	156	240752	51.978	ug/l	98
78) n-propylbenzene	13.041	91	1243767	51.979	ug/l	99
79) 2-Chlorotoluene	13.135	91	757696	53.066	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	933579	54.728	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	81899	44.396	ug/l #	87
82) 4-Chlorotoluene	13.229	91	720910	50.745	ug/l	99
83) tert-Butylbenzene	13.447	119	774553	52.012	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	913537	54.453	ug/l	100
85) sec-Butylbenzene	13.623	105	1051200	49.669	ug/l	99
86) p-Isopropyltoluene	13.735	119	878227	52.051	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	428846	50.065	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	408776	48.091	ug/l	97
89) n-Butylbenzene	14.064	91	697252	44.929	ug/l	98
90) Hexachloroethane	14.341	117	144296	52.059	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	428401	53.535	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	54486	45.073	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	172397	36.866	ug/l	98
94) Hexachlorobutadiene	15.511	225	73166	37.684	ug/l	97
95) Naphthalene	15.647	128	530346	32.949	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	179447	39.193	ug/l	98

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

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