

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077551.D
 Acq On : 03 May 2023 10:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/04/2023
 Supervised By :Mahesh Dadoda 05/04/2023

Quant Time: May 04 04:39:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	671715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1275555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1159602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	494211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	459087	52.377	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.760%			
35) Dibromofluoromethane	8.172	113	410077	53.489	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.980%			
50) Toluene-d8	10.566	98	1533630	52.194	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.380%			
62) 4-Bromofluorobenzene	12.848	95	544569	56.647	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	355167	41.473	ug/l	99
3) Chloromethane	2.372	50	282126	41.900	ug/l	100
4) Vinyl Chloride	2.525	62	387306	43.179	ug/l	99
5) Bromomethane	2.948	94	315062	40.549	ug/l	97
6) Chloroethane	3.125	64	261934	38.437	ug/l	100
7) Trichlorofluoromethane	3.507	101	616171	46.738	ug/l	96
8) Diethyl Ether	3.966	74	235474	49.152	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.384	101	324804	42.362	ug/l	99
10) Methyl Iodide	4.601	142	434551	46.132	ug/l	99
11) Tert butyl alcohol	5.531	59	295736	210.173	ug/l	99
12) 1,1-Dichloroethene	4.348	96	341682	45.581	ug/l	97
13) Acrolein	4.190	56	314578	224.734	ug/l	99
14) Allyl chloride	5.037	41	349766	41.968	ug/l	91
15) Acrylonitrile	5.725	53	779194	244.101	ug/l	99
16) Acetone	4.431	43	554260	198.764	ug/l	97
17) Carbon Disulfide	4.725	76	765759	40.202	ug/l	100
18) Methyl Acetate	5.031	43	516943	48.005	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	1290712	51.774	ug/l	93
20) Methylene Chloride	5.284	84	414231	46.841	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	390003	48.114	ug/l	98
22) Diisopropyl ether	6.678	45	924439	48.331	ug/l	97
23) Vinyl Acetate	6.607	43	2766739	231.615	ug/l	99
24) 1,1-Dichloroethane	6.572	63	673541	49.747	ug/l	98
25) 2-Butanone	7.483	43	884696	223.686	ug/l	100
26) 2,2-Dichloropropane	7.495	77	489117	37.257	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	482731	50.285	ug/l	95
28) Bromochloromethane	7.819	49	266339	51.512	ug/l	89
29) Tetrahydrofuran	7.836	42	590900	238.452	ug/l	99
30) Chloroform	7.972	83	800199	52.442	ug/l	96
31) Cyclohexane	8.260	56	459222	36.984	ug/l	93
32) 1,1,1-Trichloroethane	8.172	97	724937	51.676	ug/l	97
36) 1,1-Dichloropropene	8.372	75	538607	48.628	ug/l	99
37) Ethyl Acetate	7.566	43	377122	44.807	ug/l	99
38) Carbon Tetrachloride	8.366	117	613951	50.239	ug/l	98
39) Methylcyclohexane	9.601	83	573430	39.295	ug/l	98
40) Benzene	8.607	78	1701935	50.440	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	203704	46.469	ug/l	94
42) 1,2-Dichloroethane	8.672	62	571749	49.335	ug/l	98
43) Isopropyl Acetate	8.689	43	683792	46.962	ug/l	96
44) Trichloroethene	9.354	130	434890	50.338	ug/l	100
45) 1,2-Dichloropropane	9.625	63	394359	49.894	ug/l	95
46) Dibromomethane	9.713	93	319153	49.764	ug/l	96
47) Bromodichloromethane	9.889	83	659085	53.129	ug/l	99
48) Methyl methacrylate	9.683	41	300053	45.271	ug/l	95
49) 1,4-Dioxane	9.695	88	154044	926.584	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	1967971	230.429	ug/l	97
52) Toluene	10.630	92	1140277	51.585	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	640487	50.987	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	684981	50.097	ug/l	95
55) 1,1,2-Trichloroethane	11.019	97	461589	51.929	ug/l	99
56) Ethyl methacrylate	10.877	69	640238	51.403	ug/l	94
57) 1,3-Dichloropropane	11.166	76	746672	52.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	1001429	237.710	ug/l	98
59) 2-Hexanone	11.195	43	1400777	225.641	ug/l	96
60) Dibromochloromethane	11.360	129	497955	53.978	ug/l	99
61) 1,2-Dibromoethane	11.471	107	475346	52.380	ug/l	98
64) Tetrachloroethene	11.107	164	337338	48.597	ug/l	99
65) Chlorobenzene	11.895	112	1220003	49.719	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	449914	50.396	ug/l	98
67) Ethyl Benzene	11.966	91	2147928	49.725	ug/l	99
68) m/p-Xylenes	12.071	106	1688486	100.574	ug/l	100
69) o-Xylene	12.401	106	854557	51.749	ug/l	98
70) Styrene	12.413	104	1389297	53.797	ug/l	99
71) Bromoform	12.583	173	315444	54.007	ug/l #	100
73) Isopropylbenzene	12.695	105	2165823	47.226	ug/l	100
74) N-amyl acetate	12.495	43	570909	42.049	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.942	83	653701	45.366	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	464071m	40.381	ug/l	
77) Bromobenzene	12.983	156	469572	46.981	ug/l	98
78) n-propylbenzene	13.036	91	2439885	48.116	ug/l	100
79) 2-Chlorotoluene	13.124	91	1495092	47.821	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1843895	54.141	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.742	75	170805	41.989	ug/l	99
82) 4-Chlorotoluene	13.224	91	1441164	49.331	ug/l	99
83) tert-Butylbenzene	13.442	119	1549139	46.838	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1775223	55.812	ug/l	100
85) sec-Butylbenzene	13.618	105	2195495	48.362	ug/l	99
86) p-Isopropyltoluene	13.730	119	1761383	50.427	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	863904	48.602	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	857940	48.883	ug/l	99
89) n-Butylbenzene	14.060	91	1420667	52.556	ug/l	99
90) Hexachloroethane	14.336	117	356082	46.144	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	865673	49.102	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	117639	44.148	ug/l	96
93) 1,2,4-Trichlorobenzene	15.395	180	265984	47.796	ug/l	96
94) Hexachlorobutadiene	15.507	225	171606	48.169	ug/l	97
95) Naphthalene	15.642	128	1028272	48.409	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	251384	48.138	ug/l	97

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

