

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062823\
 Data File : VN078431.D
 Acq On : 28 Jun 2023 10:41
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 29 05:15:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/29/2023
 Supervised By : Mahesh Dadoda 06/29/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	438811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	765397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	672938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	267250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	282539	48.292	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.580%		
35) Dibromofluoromethane	8.171	113	247272	51.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.180%		
50) Toluene-d8	10.571	98	893448	47.889	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.780%		
62) 4-Bromofluorobenzene	12.853	95	293165	50.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	188361	37.974	ug/l	90
3) Chloromethane	2.371	50	219870	47.007	ug/l	96
4) Vinyl Chloride	2.524	62	305683	47.062	ug/l	97
5) Bromomethane	2.948	94	217314	44.271	ug/l	100
6) Chloroethane	3.118	64	210451	47.530	ug/l	99
7) Trichlorofluoromethane	3.506	101	412260	46.805	ug/l	96
8) Diethyl Ether	3.965	74	144643	46.736	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	225262	48.459	ug/l	98
10) Methyl Iodide	4.600	142	306714	46.656	ug/l	100
11) Tert butyl alcohol	5.536	59	183626	227.299	ug/l	98
12) 1,1-Dichloroethene	4.348	96	212710	44.390	ug/l	97
13) Acrolein	4.183	56	253719	284.960	ug/l	97
14) Allyl chloride	5.036	41	287231	49.105	ug/l	96
15) Acrylonitrile	5.730	53	520380	249.848	ug/l	98
16) Acetone	4.442	43	407132	241.758	ug/l	100
17) Carbon Disulfide	4.718	76	523413	42.437	ug/l	98
18) Methyl Acetate	5.036	43	365653	47.161	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	748665	48.969	ug/l	98
20) Methylene Chloride	5.283	84	251319	45.161	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	240147	46.466	ug/l	94
22) Diisopropyl ether	6.683	45	709040	51.532	ug/l	94
23) Vinyl Acetate	6.612	43	2428866m	296.964	ug/l	
24) 1,1-Dichloroethane	6.577	63	446541	49.197	ug/l	98
25) 2-Butanone	7.488	43	652848	252.094	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	383488	57.221	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	284701	46.182	ug/l	92
28) Bromochloromethane	7.818	49	202978	48.706	ug/l	93
29) Tetrahydrofuran	7.847	42	422297	243.929	ug/l	86
30) Chloroform	7.971	83	488387	49.969	ug/l	95
31) Cyclohexane	8.259	56	331166	44.125	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	421500	49.122	ug/l	98
36) 1,1-Dichloropropene	8.377	75	343555	49.492	ug/l	98
37) Ethyl Acetate	7.565	43	268086	49.436	ug/l #	93
38) Carbon Tetrachloride	8.371	117	378628	51.656	ug/l	94
39) Methylcyclohexane	9.606	83	308722	42.914	ug/l	94
40) Benzene	8.612	78	1052950	50.808	ug/l	100

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41) Methacrylonitrile	7.788	41	147405	50.149	ug/l	92
42) 1,2-Dichloroethane	8.677	62	365611	51.454	ug/l	98
43) Isopropyl Acetate	8.694	43	486601	46.920	ug/l	95
44) Trichloroethene	9.359	130	274339	50.126	ug/l	99
45) 1,2-Dichloropropane	9.630	63	277572	53.833	ug/l	99
46) Dibromomethane	9.712	93	194294	51.159	ug/l	94
47) Bromodichloromethane	9.894	83	384494	54.503	ug/l	98
48) Methyl methacrylate	9.688	41	227276	52.220	ug/l	89
49) 1,4-Dioxane	9.700	88	89366	976.950	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	1419079	259.846	ug/l	94
52) Toluene	10.635	92	663162	50.683	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	416538	56.695	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	440052	54.184	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	269517	54.451	ug/l	98
56) Ethyl methacrylate	10.876	69	383840	53.258	ug/l	93
57) 1,3-Dichloropropane	11.171	76	447532	53.565	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	713687	245.128	ug/l	93
59) 2-Hexanone	11.200	43	989076	260.105	ug/l	93
60) Dibromochloromethane	11.365	129	295251	54.512	ug/l	99
61) 1,2-Dibromoethane	11.476	107	270818	52.137	ug/l	98
64) Tetrachloroethene	11.106	164	232109	51.702	ug/l	98
65) Chlorobenzene	11.894	112	719790	49.946	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	276472	52.160	ug/l	98
67) Ethyl Benzene	11.971	91	1261668	50.738	ug/l	99
68) m/p-Xylenes	12.076	106	960774	101.383	ug/l	99
69) o-Xylene	12.400	106	471309	50.644	ug/l	98
70) Styrene	12.418	104	757282	51.688	ug/l	96
71) Bromoform	12.582	173	191497	55.983	ug/l #	98
73) Isopropylbenzene	12.700	105	1155232	45.712	ug/l	100
74) N-amyl acetate	12.500	43	395676	47.545	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	361319	52.084	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	284288m	44.997	ug/l	
77) Bromobenzene	12.988	156	277548	47.310	ug/l	97
78) n-propylbenzene	13.041	91	1281007	46.654	ug/l	100
79) 2-Chlorotoluene	13.129	91	806179	45.486	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	949412	46.402	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	110733	53.848	ug/l	95
82) 4-Chlorotoluene	13.229	91	795698	48.103	ug/l	99
83) tert-Butylbenzene	13.441	119	772849	43.453	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	942201	47.497	ug/l	98
85) sec-Butylbenzene	13.623	105	974889	41.879	ug/l	99
86) p-Isopropyltoluene	13.735	119	810829	42.922	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	468972	47.259	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	449552	46.948	ug/l	100
89) n-Butylbenzene	14.059	91	619453	41.573	ug/l	98
90) Hexachloroethane	14.341	117	154484	46.081	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	452568	46.664	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	55469	44.312	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	142078	41.117	ug/l	96
94) Hexachlorobutadiene	15.506	225	77992	45.822	ug/l	99
95) Naphthalene	15.647	128	461027	39.664	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	159279	41.214	ug/l	98

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

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