

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041723\
 Data File : VN077350.D
 Acq On : 17 Apr 2023 10:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 18 04:39:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/18/2023
 Supervised By : Mahesh Dadoda 04/18/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	462717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	892229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	811514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	364828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	304387	48.131	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.260%		
35) Dibromofluoromethane	8.172	113	278372	48.736	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.480%		
50) Toluene-d8	10.572	98	1087317	47.288	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.580%		
62) 4-Bromofluorobenzene	12.854	95	391065	51.137	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	307244	52.023	ug/l	99
3) Chloromethane	2.372	50	310771	42.462	ug/l	96
4) Vinyl Chloride	2.525	62	445233	44.869	ug/l	99
5) Bromomethane	2.943	94	325314	45.221	ug/l	96
6) Chloroethane	3.119	64	307229	43.384	ug/l	96
7) Trichlorofluoromethane	3.501	101	487396	56.646	ug/l	99
8) Diethyl Ether	3.972	74	191610	53.143	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.378	101	304966	57.915	ug/l	98
10) Methyl Iodide	4.601	142	378165	59.051	ug/l	93
11) Tert butyl alcohol	5.531	59	272843	211.434	ug/l	99
12) 1,1-Dichloroethene	4.348	96	291820	53.837	ug/l	94
13) Acrolein	4.190	56	264736	216.611	ug/l	98
14) Allyl chloride	5.031	41	363500	44.402	ug/l	91
15) Acrylonitrile	5.725	53	677851	237.605	ug/l	99
16) Acetone	4.431	43	534005	229.017	ug/l	100
17) Carbon Disulfide	4.725	76	734990	50.285	ug/l	99
18) Methyl Acetate	5.031	43	420171	47.314	ug/l	96
19) Methyl tert-butyl Ether	5.801	73	1039635	54.054	ug/l	100
20) Methylene Chloride	5.284	84	338447	51.395	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	328498	55.351	ug/l	98
22) Diisopropyl ether	6.678	45	840957	51.238	ug/l	96
23) Vinyl Acetate	6.607	43	3186770m	287.161	ug/l	
24) 1,1-Dichloroethane	6.572	63	572344	54.002	ug/l	99
25) 2-Butanone	7.489	43	862580	227.935	ug/l	99
26) 2,2-Dichloropropane	7.495	77	561762	57.803	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	404759	55.848	ug/l	98
28) Bromochloromethane	7.819	49	189633	44.480	ug/l	91
29) Tetrahydrofuran	7.836	42	541212	222.477	ug/l	95
30) Chloroform	7.972	83	639722	56.601	ug/l	96
31) Cyclohexane	8.260	56	472275	48.060	ug/l	96
32) 1,1,1-Trichloroethane	8.172	97	580909	56.514	ug/l	96
36) 1,1-Dichloropropene	8.378	75	470972	55.751	ug/l	99
37) Ethyl Acetate	7.566	43	357877	47.349	ug/l	100
38) Carbon Tetrachloride	8.366	117	505548	58.411	ug/l	92
39) Methylcyclohexane	9.607	83	615820	54.061	ug/l	98
40) Benzene	8.613	78	1420529	53.911	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	192053	47.272	ug/l	96
42) 1,2-Dichloroethane	8.672	62	456365	56.274	ug/l	99
43) Isopropyl Acetate	8.689	43	644790	46.232	ug/l	97
44) Trichloroethene	9.354	130	364744	57.852	ug/l	99
45) 1,2-Dichloropropane	9.625	63	343714	54.924	ug/l	95
46) Dibromomethane	9.713	93	260401	55.229	ug/l	99
47) Bromodichloromethane	9.889	83	522370	55.430	ug/l	97
48) Methyl methacrylate	9.683	41	286021	48.074	ug/l	98
49) 1,4-Dioxane	9.695	88	138976	963.475	ug/l	95
51) 4-Methyl-2-Pentanone	10.448	43	1907183	236.577	ug/l	99
52) Toluene	10.630	92	959840	55.653	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	578972	56.576	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	614516	56.375	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	377254	55.723	ug/l	97
56) Ethyl methacrylate	10.877	69	561558	53.253	ug/l	96
57) 1,3-Dichloropropane	11.166	76	620847	55.507	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	978355	311.671	ug/l	97
59) 2-Hexanone	11.195	43	1409591	234.702	ug/l	100
60) Dibromochloromethane	11.360	129	419171	60.115	ug/l	99
61) 1,2-Dibromoethane	11.471	107	386085	57.134	ug/l	99
64) Tetrachloroethene	11.107	164	290616	57.970	ug/l	98
65) Chlorobenzene	11.895	112	1044718	58.474	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	383297	56.700	ug/l	99
67) Ethyl Benzene	11.966	91	1898598	57.587	ug/l	99
68) m/p-Xylenes	12.071	106	1497593	115.606	ug/l	99
69) o-Xylene	12.401	106	743629	58.188	ug/l	99
70) Styrene	12.413	104	1214658	59.063	ug/l	99
71) Bromoform	12.577	173	271463	57.046	ug/l #	98
73) Isopropylbenzene	12.701	105	1930552	54.481	ug/l	100
74) N-amyl acetate	12.495	43	601575	44.797	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	550433	49.497	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	465256m	53.554	ug/l	
77) Bromobenzene	12.983	156	397762	55.205	ug/l	95
78) n-propylbenzene	13.036	91	2221287	56.733	ug/l	100
79) 2-Chlorotoluene	13.130	91	1280362	54.309	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1623319	57.356	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	208548	54.020	ug/l #	84
82) 4-Chlorotoluene	13.224	91	1251721	56.313	ug/l	100
83) tert-Butylbenzene	13.442	119	1390813	55.208	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1596663	57.103	ug/l	100
85) sec-Butylbenzene	13.618	105	2015071	57.395	ug/l	100
86) p-Isopropyltoluene	13.730	119	1652774	59.899	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	777030	58.292	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	756036	57.514	ug/l	99
89) n-Butylbenzene	14.060	91	1420956	62.033	ug/l	99
90) Hexachloroethane	14.336	117	340495	56.438	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	763184	57.231	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	103425	49.075	ug/l	98
93) 1,2,4-Trichlorobenzene	15.371	180	298717	62.054	ug/l	99
94) Hexachlorobutadiene	15.465	225	159310	57.172	ug/l	97
95) Naphthalene	15.589	128	1080774	59.766	ug/l	100
96) 1,2,3-Trichlorobenzene	15.759	180	270577	58.764	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

