

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
 Data File : VN081334.D
 Acq On : 06 Mar 2024 18:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 07 00:30:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/07/2024
 Supervised By : Mahesh Dadoda 03/07/2024

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	338299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	617846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	572208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	258078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240122	49.090	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.180%		
35) Dibromofluoromethane	8.171	113	195067	51.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.060%		
50) Toluene-d8	10.570	98	733422	51.830	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.660%		
62) 4-Bromofluorobenzene	12.853	95	254530	50.892	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	101.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	231303	51.578	ug/l	89
3) Chloromethane	2.359	50	219557	45.325	ug/l	98
4) Vinyl Chloride	2.512	62	237440	46.987	ug/l	95
5) Bromomethane	2.953	94	133248	39.481	ug/l	95
6) Chloroethane	3.118	64	152071	43.814	ug/l	99
7) Trichlorofluoromethane	3.494	101	354893	47.473	ug/l	91
8) Diethyl Ether	3.959	74	123980	47.073	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	191752	45.043	ug/l	94
10) Methyl Iodide	4.594	142	209420	53.756	ug/l	97
11) Tert butyl alcohol	5.524	59	174080	203.530	ug/l	97
12) 1,1-Dichloroethene	4.341	96	182722	46.347	ug/l	93
13) Acrolein	4.177	56	189322	186.932	ug/l	99
14) Allyl chloride	5.024	41	263631	45.059	ug/l #	89
15) Acrylonitrile	5.718	53	503369	225.279	ug/l	97
16) Acetone	4.424	43	382005	220.423	ug/l	99
17) Carbon Disulfide	4.718	76	495851	44.067	ug/l	99
18) Methyl Acetate	5.018	43	243849	49.145	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	628581	47.010	ug/l	95
20) Methylene Chloride	5.277	84	207338	48.397	ug/l	92
21) trans-1,2-Dichloroethene	5.788	96	196903	44.299	ug/l	99
22) Diisopropyl ether	6.671	45	646556	49.753	ug/l #	96
23) Vinyl Acetate	6.606	43	2560466	242.532	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	372474	46.823	ug/l	96
25) 2-Butanone	7.488	43	642266	221.293	ug/l	92
26) 2,2-Dichloropropane	7.488	77	292569	41.613	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	231959	46.030	ug/l	89
28) Bromochloromethane	7.818	49	157588	46.297	ug/l #	67
29) Tetrahydrofuran	7.835	42	436457	220.533	ug/l #	89
30) Chloroform	7.971	83	397611	48.165	ug/l	99
31) Cyclohexane	8.259	56	325576	43.964	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	353430	48.436	ug/l	93
36) 1,1-Dichloropropene	8.377	75	291944	47.805	ug/l	96
37) Ethyl Acetate	7.565	43	268692	45.009	ug/l	99
38) Carbon Tetrachloride	8.365	117	305040	49.631	ug/l	97
39) Methylcyclohexane	9.606	83	338746	48.198	ug/l	91
40) Benzene	8.612	78	861824	47.279	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	151852	45.044	ug/l	97
42) 1,2-Dichloroethane	8.677	62	308509	48.002	ug/l	99
43) Isopropyl Acetate	8.694	43	536564	51.352	ug/l	97
44) Trichloroethene	9.353	130	221108	48.094	ug/l	92
45) 1,2-Dichloropropane	9.623	63	222035	48.488	ug/l	97
46) Dibromomethane	9.712	93	152557	47.266	ug/l	92
47) Bromodichloromethane	9.894	83	309724	49.430	ug/l #	98
48) Methyl methacrylate	9.682	41	218603	47.331	ug/l	89
49) 1,4-Dioxane	9.700	88	86995	854.583	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1438741	237.141	ug/l	96
52) Toluene	10.635	92	537255	48.791	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	322945	47.635	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	355593	48.587	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	213388	48.868	ug/l	95
56) Ethyl methacrylate	10.876	69	334668	53.375	ug/l	89
57) 1,3-Dichloropropane	11.165	76	371181	48.705	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	842051	249.660	ug/l #	90
59) 2-Hexanone	11.200	43	1085810	239.395	ug/l	98
60) Dibromochloromethane	11.365	129	227357	50.557	ug/l	97
61) 1,2-Dibromoethane	11.470	107	220103	48.580	ug/l	100
64) Tetrachloroethene	11.106	164	210512	46.985	ug/l	90
65) Chlorobenzene	11.894	112	577979	47.934	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	211134	47.851	ug/l	96
67) Ethyl Benzene	11.965	91	1076678	49.570	ug/l	99
68) m/p-Xylenes	12.076	106	790278	96.678	ug/l	99
69) o-Xylene	12.400	106	399239	50.395	ug/l	96
70) Styrene	12.412	104	654021	52.095	ug/l	98
71) Bromoform	12.582	173	144232	47.085	ug/l #	96
73) Isopropylbenzene	12.700	105	1048098	50.293	ug/l	98
74) N-amyl acetate	12.494	43	449131	51.364	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	289049	44.944	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	280591m	46.031	ug/l	
77) Bromobenzene	12.982	156	228581	46.262	ug/l	77
78) n-propylbenzene	13.035	91	1259031	51.079	ug/l	98
79) 2-Chlorotoluene	13.129	91	731338	48.541	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	877038	50.911	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	95675	43.803	ug/l #	84
82) 4-Chlorotoluene	13.223	91	716401	48.140	ug/l	96
83) tert-Butylbenzene	13.441	119	759950	51.456	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	880536	50.450	ug/l	98
85) sec-Butylbenzene	13.617	105	1082620	50.670	ug/l	94
86) p-Isopropyltoluene	13.735	119	888625	51.862	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	428094	45.884	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	424636	45.536	ug/l	98
89) n-Butylbenzene	14.059	91	805153	51.240	ug/l	98
90) Hexachloroethane	14.341	117	150379	50.129	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	414615	46.318	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	61603	44.761	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	236787	49.487	ug/l	99
94) Hexachlorobutadiene	15.505	225	86480	43.740	ug/l	97
95) Naphthalene	15.647	128	861442	50.596	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	238344	49.120	ug/l	99

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

