

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079132.D
 Acq On : 01 Sep 2023 18:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 01 23:19:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 09/02/2023

Supervised By :Semsetun
 Yesilyurt
 09/04/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	240941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	427278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	381036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176383	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.582	65	172510	46.012	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.020%
35) Dibromofluoromethane	8.171	113	145993	50.759	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.520%
50) Toluene-d8	10.571	98	511343	47.880	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.760%
62) 4-Bromofluorobenzene	12.853	95	191935	54.984	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.960%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.130	85	151394	45.285	ug/l	97
3) Chloromethane	2.365	50	124066	26.579	ug/l	98
4) Vinyl Chloride	2.512	62	205146	50.114	ug/l	97
5) Bromomethane	2.942	94	75405	32.084	ug/l	98
6) Chloroethane	3.112	64	80806	28.237	ug/l	95
7) Trichlorofluoromethane	3.495	101	150692	30.224	ug/l	98
8) Diethyl Ether	3.965	74	55534	29.380	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	81102	30.542	ug/l	95
10) Methyl Iodide	4.594	142	116051	39.061	ug/l	99
11) Tert butyl alcohol	5.530	59	149390	237.455	ug/l	99
12) 1,1-Dichloroethene	4.342	96	80624	31.169	ug/l	95
13) Acrolein	4.189	56	46714	124.453	ug/l	98
14) Allyl chloride	5.024	41	222843	43.285	ug/l #	91
15) Acrylonitrile	5.724	53	438415	257.233	ug/l	99
16) Acetone	4.430	43	182833	118.186	ug/l	93
17) Carbon Disulfide	4.718	76	241408	33.341	ug/l	99
18) Methyl Acetate	5.030	43	301866	46.191	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	512922	55.048	ug/l	93
20) Methylene Chloride	5.277	84	172741	52.397	ug/l	88
21) trans-1,2-Dichloroethene	5.788	96	152687	52.639	ug/l #	84
22) Diisopropyl ether	6.677	45	550383	50.534	ug/l #	89
23) Vinyl Acetate	6.612	43	1748098	243.765	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	313814	52.743	ug/l	97
25) 2-Butanone	7.488	43	563654	227.257	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	212929	44.274	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	187149	53.084	ug/l	89
28) Bromochloromethane	7.818	49	142891	45.273	ug/l #	79
29) Tetrahydrofuran	7.841	42	377436	229.910	ug/l #	78
30) Chloroform	7.971	83	314205	52.859	ug/l	95
31) Cyclohexane	8.265	56	246039	52.767	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	266915	52.662	ug/l	98
36) 1,1-Dichloropropene	8.377	75	226399	52.328	ug/l	96
37) Ethyl Acetate	7.571	43	236856	48.929	ug/l #	93
38) Carbon Tetrachloride	8.365	117	224038	51.680	ug/l	98
39) Methylcyclohexane	9.606	83	235510	59.186	ug/l #	88
40) Benzene	8.612	78	702123	54.904	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.782	41	129555	49.140	ug/l	#	87
42) 1,2-Dichloroethane	8.677	62	239297	50.086	ug/l		98
43) Isopropyl Acetate	8.694	43	429121	50.154	ug/l	#	88
44) Trichloroethene	9.359	130	162787	53.573	ug/l		96
45) 1,2-Dichloropropane	9.624	63	184413	54.162	ug/l		98
46) Dibromomethane	9.712	93	118612	50.790	ug/l		91
47) Bromodichloromethane	9.894	83	246822	53.523	ug/l		96
48) Methyl methacrylate	9.688	41	182575	47.090	ug/l	#	80
49) 1,4-Dioxane	9.700	88	64468	976.197	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.447	43	1187776	234.061	ug/l		92
52) Toluene	10.635	92	433855	55.257	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	267359	54.063	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	287536	53.386	ug/l		95
55) 1,1,2-Trichloroethane	11.023	97	170406	54.129	ug/l		96
56) Ethyl methacrylate	10.876	69	275097	56.371	ug/l	#	86
57) 1,3-Dichloropropane	11.165	76	301974	53.628	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	504511	215.366	ug/l		89
59) 2-Hexanone	11.200	43	850249	231.325	ug/l		92
60) Dibromochloromethane	11.365	129	180967	54.626	ug/l		100
61) 1,2-Dibromoethane	11.470	107	174515	54.549	ug/l		99
64) Tetrachloroethene	11.106	164	130067	54.432	ug/l		96
65) Chlorobenzene	11.894	112	445533	54.930	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.965	131	170726	55.698	ug/l		98
67) Ethyl Benzene	11.970	91	811901	55.045	ug/l		97
68) m/p-Xylenes	12.076	106	603230	109.386	ug/l		95
69) o-Xylene	12.400	106	297354	55.430	ug/l		94
70) Styrene	12.417	104	500975	56.006	ug/l		98
71) Bromoform	12.582	173	127939	57.412	ug/l	#	99
73) Isopropylbenzene	12.700	105	768279	52.238	ug/l		99
74) N-amyl acetate	12.500	43	322058	43.383	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.941	83	260110	48.982	ug/l		99
76) 1,2,3-Trichloropropane	13.000	75	205318m	48.310	ug/l		
77) Bromobenzene	12.982	156	176056	49.802	ug/l		94
78) n-propylbenzene	13.041	91	893299	52.379	ug/l		98
79) 2-Chlorotoluene	13.129	91	545949	51.606	ug/l		100
80) 1,3,5-Trimethylbenzene	13.176	105	638380	54.774	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	79979	48.074	ug/l		92
82) 4-Chlorotoluene	13.223	91	532304	51.424	ug/l		98
83) tert-Butylbenzene	13.441	119	552724	56.444	ug/l		98
84) 1,2,4-Trimethylbenzene	13.488	105	629159	54.518	ug/l		100
85) sec-Butylbenzene	13.623	105	761400	56.499	ug/l		100
86) p-Isopropyltoluene	13.735	119	612419	56.879	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	310457	51.036	ug/l		98
88) 1,4-Dichlorobenzene	13.817	146	300343	49.329	ug/l		99
89) n-Butylbenzene	14.059	91	508720	57.413	ug/l		99
90) Hexachloroethane	14.335	117	115963	53.728	ug/l		77
91) 1,2-Dichlorobenzene	14.111	146	312833	51.713	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	45486	51.967	ug/l		95
93) 1,2,4-Trichlorobenzene	15.394	180	135524	63.194	ug/l		97
94) Hexachlorobutadiene	15.506	225	77268	75.769	ug/l		99
95) Naphthalene	15.647	128	417592	51.305	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	138678	59.041	ug/l		96

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

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