

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080079.D
 Acq On : 14 Nov 2023 10:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 15 03:54:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

11/15/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	200935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	318754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	288338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144798	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.583	65	153334	50.088	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.180%	
35) Dibromofluoromethane	8.165	113	113124	50.143	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.280%	
50) Toluene-d8	10.571	98	408671	49.207	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	12.853	95	156852	56.946	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.900%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	122840	50.754	ug/l	100
3) Chloromethane	2.365	50	90110	29.188	ug/l	98
4) Vinyl Chloride	2.518	62	155483	49.077	ug/l	99
5) Bromomethane	2.948	94	54167	28.139	ug/l	93
6) Chloroethane	3.118	64	67092	26.801	ug/l	96
7) Trichlorofluoromethane	3.495	101	211342	53.634	ug/l	98
8) Diethyl Ether	3.959	74	64805	43.338	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	107076	46.875	ug/l	97
10) Methyl Iodide	4.589	142	112870	43.269	ug/l #	87
11) Tert butyl alcohol	5.518	59	76903	196.789	ug/l	99
12) 1,1-Dichloroethene	4.336	96	95125	43.981	ug/l	87
13) Acrolein	4.183	56	49744	150.571	ug/l	100
14) Allyl chloride	5.024	41	130598	39.424	ug/l	96
15) Acrylonitrile	5.718	53	247320	203.082	ug/l	97
16) Acetone	4.418	43	238835	222.107	ug/l	97
17) Carbon Disulfide	4.712	76	221351	35.480	ug/l	100
18) Methyl Acetate	5.030	43	188697	36.679	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	376020	50.497	ug/l	99
20) Methylene Chloride	5.277	84	117285	43.226	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	103822	43.041	ug/l #	84
22) Diisopropyl ether	6.671	45	337971	44.025	ug/l #	91
23) Vinyl Acetate	6.606	43	873019	206.166	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	217689	46.654	ug/l	97
25) 2-Butanone	7.483	43	316080	200.731	ug/l	91
26) 2,2-Dichloropropane	7.489	77	208595	54.055	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	129060	44.728	ug/l	85
28) Bromochloromethane	7.818	49	106158	46.685	ug/l	87
29) Tetrahydrofuran	7.836	42	187341	182.864	ug/l	87
30) Chloroform	7.965	83	248546	49.038	ug/l	94
31) Cyclohexane	8.259	56	149721	37.012	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	231750	56.117	ug/l	97
36) 1,1-Dichloropropene	8.371	75	166349	51.642	ug/l	94
37) Ethyl Acetate	7.559	43	121609	41.164	ug/l	98
38) Carbon Tetrachloride	8.359	117	206446	63.593	ug/l	98
39) Methylcyclohexane	9.606	83	144844	47.780	ug/l #	85
40) Benzene	8.606	78	474180	49.148	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	65534	41.774	ug/l	94
42) 1,2-Dichloroethane	8.671	62	195512	58.014	ug/l	97
43) Isopropyl Acetate	8.688	43	213467	41.203	ug/l	97
44) Trichloroethene	9.353	130	116937	48.844	ug/l	95
45) 1,2-Dichloropropane	9.624	63	120478	48.864	ug/l	97
46) Dibromomethane	9.712	93	86033	51.102	ug/l	93
47) Bromodichloromethane	9.888	83	198069	55.165	ug/l	99
48) Methyl methacrylate	9.682	41	102242	45.055	ug/l	87
49) 1,4-Dioxane	9.694	88	37107	925.414	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	630391	216.127	ug/l	97
52) Toluene	10.629	92	303497	53.061	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	198361	56.356	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	208672	54.391	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	122795	53.376	ug/l	98
56) Ethyl methacrylate	10.877	69	170633	51.998	ug/l	90
57) 1,3-Dichloropropane	11.165	76	210979	52.028	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	429653	258.329	ug/l	94
59) 2-Hexanone	11.200	43	481904	215.973	ug/l	94
60) Dibromochloromethane	11.359	129	142375	57.816	ug/l	99
61) 1,2-Dibromoethane	11.471	107	114972	49.792	ug/l	100
64) Tetrachloroethene	11.106	164	99350	53.201	ug/l	98
65) Chlorobenzene	11.894	112	316264	50.565	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	129357	57.403	ug/l	94
67) Ethyl Benzene	11.965	91	595202	54.620	ug/l	94
68) m/p-Xylenes	12.071	106	439803	108.343	ug/l	87
69) o-Xylene	12.400	106	216437	55.370	ug/l	90
70) Styrene	12.412	104	364641	58.045	ug/l	94
71) Bromoform	12.576	173	96154	60.090	ug/l #	99
73) Isopropylbenzene	12.700	105	560328	50.989	ug/l	98
74) N-amyl acetate	12.494	43	177361	36.976	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	161662	41.491	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	130955m	38.523	ug/l	
77) Bromobenzene	12.982	156	133919	49.775	ug/l	99
78) n-propylbenzene	13.035	91	653125	51.899	ug/l	97
79) 2-Chlorotoluene	13.129	91	418763	52.090	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	490498	57.368	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	52046	41.655	ug/l #	87
82) 4-Chlorotoluene	13.223	91	421914	52.814	ug/l	95
83) tert-Butylbenzene	13.441	119	391361	55.920	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	491524	58.431	ug/l	97
85) sec-Butylbenzene	13.618	105	521502	53.784	ug/l	99
86) p-Isopropyltoluene	13.729	119	447644	56.625	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	246961	49.343	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	247009	48.621	ug/l	99
89) n-Butylbenzene	14.059	91	363587	53.399	ug/l	99
90) Hexachloroethane	14.335	117	82595	52.755	ug/l	77
91) 1,2-Dichlorobenzene	14.106	146	238132	50.401	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	32335	48.937	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	116716	51.953	ug/l	98
94) Hexachlorobutadiene	15.506	225	65296	64.114	ug/l	98
95) Naphthalene	15.641	128	328724	43.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	110252	50.065	ug/l	96

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

