

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101923\
 Data File : VN079607.D
 Acq On : 19 Oct 2023 09:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 20 01:25:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	252454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	431948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	403497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	207832	50.773	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.540%			
35) Dibromofluoromethane	8.171	113	170562	54.947	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.900%			
50) Toluene-d8	10.570	98	620041	55.205	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.400%			
62) 4-Bromofluorobenzene	12.853	95	205720	57.074	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	165673	45.797	ug/l	98
3) Chloromethane	2.365	50	194281	43.042	ug/l	99
4) Vinyl Chloride	2.518	62	219434	46.737	ug/l	96
5) Bromomethane	2.947	94	116983	41.621	ug/l	98
6) Chloroethane	3.124	64	145817	41.195	ug/l	98
7) Trichlorofluoromethane	3.500	101	266629	48.098	ug/l	100
8) Diethyl Ether	3.965	74	95531	48.339	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.371	101	155026	47.855	ug/l	98
10) Methyl Iodide	4.589	142	172017	61.193	ug/l	97
11) Tert butyl alcohol	5.524	59	111576	181.106	ug/l	98
12) 1,1-Dichloroethene	4.347	96	141785	47.535	ug/l	89
13) Acrolein	4.183	56	112392	183.214	ug/l	93
14) Allyl chloride	5.030	41	220953	45.903	ug/l	90
15) Acrylonitrile	5.724	53	411023	230.121	ug/l	99
16) Acetone	4.430	43	475387	292.806	ug/l	89
17) Carbon Disulfide	4.712	76	415207	44.627	ug/l	97
18) Methyl Acetate	5.024	43	332126	41.795	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	487738	50.326	ug/l	93
20) Methylene Chloride	5.283	84	176478	49.633	ug/l #	82
21) trans-1,2-Dichloroethene	5.788	96	164905	47.335	ug/l #	83
22) Diisopropyl ether	6.677	45	553574	51.288	ug/l #	92
23) Vinyl Acetate	6.606	43	1518412	250.095	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	325087	49.213	ug/l	97
25) 2-Butanone	7.488	43	593113	246.135	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	259172	51.339	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	193218	51.053	ug/l	87
28) Bromochloromethane	7.818	49	157517	50.117	ug/l #	74
29) Tetrahydrofuran	7.841	42	359589	230.732	ug/l #	76
30) Chloroform	7.971	83	337145	50.514	ug/l	95
31) Cyclohexane	8.259	56	263167	45.324	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	279321	49.729	ug/l	94
36) 1,1-Dichloropropene	8.377	75	248947	53.435	ug/l	95
37) Ethyl Acetate	7.565	43	227964	49.175	ug/l #	90
38) Carbon Tetrachloride	8.365	117	240783	51.626	ug/l	99
39) Methylcyclohexane	9.606	83	234008	52.280	ug/l #	88
40) Benzene	8.612	78	734463	53.083	ug/l	98

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41) Methacrylonitrile	7.782	41	117891	48.373	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	259413	51.599	ug/l	98
43) Isopropyl Acetate	8.694	43	370928	45.672	ug/l #	90
44) Trichloroethene	9.353	130	169243	51.970	ug/l	99
45) 1,2-Dichloropropane	9.623	63	193382	53.047	ug/l	99
46) Dibromomethane	9.712	93	127510	54.006	ug/l	95
47) Bromodichloromethane	9.888	83	264238	54.407	ug/l	99
48) Methyl methacrylate	9.682	41	176886	50.825	ug/l #	81
49) 1,4-Dioxane	9.700	88	58535	913.111	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1155595	252.057	ug/l	89
52) Toluene	10.635	92	447131	54.900	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	265316	54.209	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	293545	54.788	ug/l #	88
55) 1,1,2-Trichloroethane	11.023	97	175520	53.681	ug/l	98
56) Ethyl methacrylate	10.876	69	252771	56.259	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	311953	55.253	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	431976	251.052	ug/l	89
59) 2-Hexanone	11.200	43	856897	259.013	ug/l	89
60) Dibromochloromethane	11.365	129	186131	56.641	ug/l	100
61) 1,2-Dibromoethane	11.470	107	170085	52.417	ug/l	98
64) Tetrachloroethene	11.106	164	140701	50.690	ug/l	97
65) Chlorobenzene	11.894	112	456013	50.748	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	172391	52.396	ug/l	97
67) Ethyl Benzene	11.965	91	847673	54.273	ug/l	95
68) m/p-Xylenes	12.076	106	643147	113.331	ug/l	95
69) o-Xylene	12.400	106	304185	54.504	ug/l	92
70) Styrene	12.412	104	519358	58.914	ug/l	99
71) Bromoform	12.582	173	119155	49.483	ug/l #	99
73) Isopropylbenzene	12.700	105	780065	47.092	ug/l	99
74) N-amyl acetate	12.494	43	301300	44.369	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	253185	47.289	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	220619m	42.974	ug/l	
77) Bromobenzene	12.982	156	180229	44.374	ug/l	95
78) n-propylbenzene	13.035	91	941841	50.255	ug/l	97
79) 2-Chlorotoluene	13.129	91	561780	46.844	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	656815	50.284	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	73668	41.637	ug/l #	86
82) 4-Chlorotoluene	13.223	91	551932	48.365	ug/l	99
83) tert-Butylbenzene	13.441	119	518054	48.408	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	655479	52.583	ug/l	100
85) sec-Butylbenzene	13.617	105	750067	50.248	ug/l	99
86) p-Isopropyltoluene	13.729	119	612019	53.445	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	316520	49.134	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	313979	47.202	ug/l	100
89) n-Butylbenzene	14.059	91	496725	54.319	ug/l	99
90) Hexachloroethane	14.335	117	117988	50.767	ug/l	88
91) 1,2-Dichlorobenzene	14.111	146	313378	49.871	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38214	39.896	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	98931	50.834	ug/l	99
94) Hexachlorobutadiene	15.505	225	70536	46.535	ug/l	99
95) Naphthalene	15.647	128	242285	40.769	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	103045	44.369	ug/l	98

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

