

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080131.D
 Acq On : 16 Nov 2023 12:22
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 17 01:06:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 00:59:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	264598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	425625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	379514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	88185	20.185	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.360%#		
35) Dibromofluoromethane	8.171	113	63420	20.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.380%#		
50) Toluene-d8	10.571	98	236005	20.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.700%#		
62) 4-Bromofluorobenzene	12.853	95	88503	20.697	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	41.400%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	80729	20.483	ug/l	100
3) Chloromethane	2.359	50	58910	19.880	ug/l	99
4) Vinyl Chloride	2.512	62	64965	20.716	ug/l	98
5) Bromomethane	2.959	94	41751	19.612	ug/l	98
6) Chloroethane	3.124	64	39432	19.250	ug/l	93
7) Trichlorofluoromethane	3.501	101	128570	19.654	ug/l	97
8) Diethyl Ether	3.959	74	36202	19.029	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.365	101	59790	19.997	ug/l	93
10) Methyl Iodide	4.595	142	63436	19.631	ug/l #	87
11) Tert butyl alcohol	5.518	59	45780	95.286	ug/l #	93
12) 1,1-Dichloroethene	4.342	96	58528	20.928	ug/l	88
13) Acrolein	4.183	56	43378	102.021	ug/l	97
14) Allyl chloride	5.030	41	72118	20.497	ug/l	94
15) Acrylonitrile	5.718	53	130358	101.070	ug/l	99
16) Acetone	4.430	43	123996	84.499	ug/l	93
17) Carbon Disulfide	4.712	76	161280	19.314	ug/l	97
18) Methyl Acetate	5.024	43	88461	18.762	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	202596	20.514	ug/l	100
20) Methylene Chloride	5.271	84	65049	21.168	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	61979	20.173	ug/l #	83
22) Diisopropyl ether	6.671	45	165146	21.214	ug/l	94
23) Vinyl Acetate	6.600	43	502497	107.380	ug/l	93
24) 1,1-Dichloroethane	6.571	63	113107	19.949	ug/l	99
25) 2-Butanone	7.483	43	161377	92.561	ug/l	94
26) 2,2-Dichloropropane	7.494	77	114182	20.298	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	70592	20.266	ug/l	88
28) Bromochloromethane	7.812	49	47074	21.119	ug/l	95
29) Tetrahydrofuran	7.841	42	97951	104.646	ug/l	91
30) Chloroform	7.965	83	125509	19.805	ug/l	95
31) Cyclohexane	8.259	56	95592	20.119	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	124548	20.153	ug/l	98
36) 1,1-Dichloropropene	8.377	75	93371	20.535	ug/l	94
37) Ethyl Acetate	7.559	43	67645	21.448	ug/l	96
38) Carbon Tetrachloride	8.365	117	115147	19.956	ug/l	96
39) Methylcyclohexane	9.606	83	91074	20.773	ug/l	92
40) Benzene	8.606	78	261307	20.221	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	34485	19.910	ug/l	92
42) 1,2-Dichloroethane	8.671	62	104617	19.787	ug/l	96
43) Isopropyl Acetate	8.688	43	111503	18.168	ug/l	97
44) Trichloroethene	9.353	130	64887	19.142	ug/l	96
45) 1,2-Dichloropropane	9.624	63	61985	20.640	ug/l	99
46) Dibromomethane	9.712	93	44874	19.740	ug/l #	86
47) Bromodichloromethane	9.888	83	100655	20.129	ug/l	99
48) Methyl methacrylate	9.682	41	65248	20.630	ug/l	90
49) 1,4-Dioxane	9.700	88	19327	367.311	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	332264	104.568	ug/l	98
52) Toluene	10.635	92	165143	20.420	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	102876	20.024	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	108376	20.647	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	61686	19.984	ug/l	97
56) Ethyl methacrylate	10.877	69	67068	21.269	ug/l	93
57) 1,3-Dichloropropane	11.165	76	106262	19.717	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	192968	108.623	ug/l	97
59) 2-Hexanone	11.200	43	252337	98.828	ug/l	96
60) Dibromochloromethane	11.359	129	74431	20.141	ug/l	100
61) 1,2-Dibromoethane	11.471	107	62815	19.948	ug/l	97
64) Tetrachloroethene	11.106	164	58335	20.141	ug/l	97
65) Chlorobenzene	11.894	112	176054	20.472	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	68333	20.476	ug/l	94
67) Ethyl Benzene	11.965	91	314166	20.531	ug/l	97
68) m/p-Xylenes	12.071	106	234376	42.008	ug/l	89
69) o-Xylene	12.400	106	109614	20.847	ug/l	86
70) Styrene	12.412	104	164547	21.025	ug/l	93
71) Bromoform	12.582	173	51127	20.659	ug/l #	98
73) Isopropylbenzene	12.694	105	299149	20.816	ug/l	99
74) N-amyl acetate	12.494	43	93716	20.911	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	82334	19.142	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	80576m	17.869	ug/l	
77) Bromobenzene	12.982	156	72698	20.064	ug/l	97
78) n-propylbenzene	13.035	91	329789	20.521	ug/l	99
79) 2-Chlorotoluene	13.129	91	213960	20.499	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	260155	20.795	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	27102	20.207	ug/l #	78
82) 4-Chlorotoluene	13.223	91	215709	20.173	ug/l	96
83) tert-Butylbenzene	13.441	119	205343	20.468	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	258827	21.011	ug/l	96
85) sec-Butylbenzene	13.618	105	260191	20.502	ug/l	100
86) p-Isopropyltoluene	13.729	119	239673	21.141	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	125399	19.209	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	127829	19.485	ug/l	97
89) n-Butylbenzene	14.059	91	193158	20.356	ug/l	99
90) Hexachloroethane	14.335	117	42796	19.363	ug/l	75
91) 1,2-Dichlorobenzene	14.106	146	121594	19.465	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19381	19.399	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	67219	18.501	ug/l	94
94) Hexachlorobutadiene	15.500	225	39078	18.690	ug/l	99
95) Naphthalene	15.641	128	199124	18.900	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	65650	19.278	ug/l	96

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

