

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030623\
 Data File : VN076856.D
 Acq On : 06 Mar 2023 18:26
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 07 01:53:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 01:38:46 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 03/07/2023
 Supervised By :Semsettin Yesilyurt 03/07/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	535135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	934425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	817369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	357139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	153571	20.469	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.940%#		
35) Dibromofluoromethane	8.172	113	122333	20.927	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.860%#		
50) Toluene-d8	10.571	98	469088	20.829	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.660%#		
62) 4-Bromofluorobenzene	12.848	95	162374	20.807	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	41.620%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	133279	21.404	ug/l	97
3) Chloromethane	2.378	50	163530	19.967	ug/l	98
4) Vinyl Chloride	2.531	62	154486	20.579	ug/l	99
5) Bromomethane	2.966	94	100293	20.332	ug/l	92
6) Chloroethane	3.137	64	97396	21.693	ug/l	94
7) Trichlorofluoromethane	3.513	101	232438	21.221	ug/l	98
8) Diethyl Ether	3.978	74	91070	21.615	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.395	101	136345	21.290	ug/l	99
10) Methyl Iodide	4.607	142	145069	21.718	ug/l	97
11) Tert butyl alcohol	5.531	59	121790	109.314	ug/l	99
12) 1,1-Dichloroethene	4.360	96	126327	21.154	ug/l	84
13) Acrolein	4.195	56	144168	100.026	ug/l	98
14) Allyl chloride	5.042	41	205368	20.598	ug/l #	80
15) Acrylonitrile	5.736	53	391907	109.379	ug/l	99
16) Acetone	4.442	43	338191	103.265	ug/l	99
17) Carbon Disulfide	4.725	76	337793	20.836	ug/l	97
18) Methyl Acetate	5.042	43	237552	21.168	ug/l #	84
19) Methyl tert-butyl Ether	5.807	73	444514	21.707	ug/l	97
20) Methylene Chloride	5.295	84	151463	19.822	ug/l #	86
21) trans-1,2-Dichloroethene	5.801	96	136099	21.078	ug/l #	81
22) Diisopropyl ether	6.683	45	490067	21.848	ug/l #	93
23) Vinyl Acetate	6.613	43	1570856	109.946	ug/l #	91
24) 1,1-Dichloroethane	6.578	63	272385	21.295	ug/l	97
25) 2-Butanone	7.495	43	521011	108.906	ug/l #	84
26) 2,2-Dichloropropane	7.495	77	198103	21.149	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	161046	21.291	ug/l	88
28) Bromochloromethane	7.819	49	111927	20.694	ug/l #	75
29) Tetrahydrofuran	7.848	42	346813	112.376	ug/l #	78
30) Chloroform	7.972	83	272870	21.479	ug/l	97
31) Cyclohexane	8.266	56	261591	20.639	ug/l	84
32) 1,1,1-Trichloroethane	8.178	97	236070	21.459	ug/l	98
36) 1,1-Dichloropropene	8.377	75	203195	21.627	ug/l	95
37) Ethyl Acetate	7.572	43	209206	21.694	ug/l #	92
38) Carbon Tetrachloride	8.372	117	204465	21.423	ug/l	98
39) Methylcyclohexane	9.607	83	253882	21.923	ug/l #	83
40) Benzene	8.613	78	620651	21.686	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	114483	21.739	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	214776	21.543	ug/l	95
43) Isopropyl Acetate	8.695	43	325390	22.040	ug/l #	90
44) Trichloroethene	9.354	130	147121	21.681	ug/l	99
45) 1,2-Dichloropropane	9.624	63	157953	21.357	ug/l	98
46) Dibromomethane	9.713	93	100623	21.421	ug/l	99
47) Bromodichloromethane	9.889	83	209326	21.676	ug/l	96
48) Methyl methacrylate	9.683	41	159468	22.229	ug/l #	77
49) 1,4-Dioxane	9.701	88	59649	453.646	ug/l #	74
51) 4-Methyl-2-Pentanone	10.448	43	1052104	112.981	ug/l	91
52) Toluene	10.636	92	378984	22.239	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	204714	21.869	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	234296	21.791	ug/l #	92
55) 1,1,2-Trichloroethane	11.018	97	148340	21.882	ug/l	98
56) Ethyl methacrylate	10.877	69	227437	22.518	ug/l #	82
57) 1,3-Dichloropropane	11.166	76	253414	21.531	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	375374	107.261	ug/l	91
59) 2-Hexanone	11.201	43	763418	113.135	ug/l	89
60) Dibromochloromethane	11.360	129	149635	22.400	ug/l	96
61) 1,2-Dibromoethane	11.471	107	142544	21.877	ug/l	100
64) Tetrachloroethene	11.107	164	134149	22.054	ug/l	95
65) Chlorobenzene	11.895	112	379159	21.465	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	139829	21.883	ug/l	97
67) Ethyl Benzene	11.965	91	712845	22.225	ug/l	97
68) m/p-Xylenes	12.071	106	534595	44.301	ug/l	92
69) o-Xylene	12.401	106	261406	21.998	ug/l	89
70) Styrene	12.413	104	425141	22.819	ug/l	96
71) Bromoform	12.583	173	97133	22.333	ug/l #	98
73) Isopropylbenzene	12.695	105	686129	22.040	ug/l	96
74) N-amyl acetate	12.495	43	267053	21.934	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.942	83	208527	20.901	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	192469m	21.400	ug/l	
77) Bromobenzene	12.983	156	147058	21.347	ug/l	87
78) n-propylbenzene	13.036	91	792284	22.317	ug/l	95
79) 2-Chlorotoluene	13.130	91	485685	21.327	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	580574	22.252	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.742	75	58090	21.270	ug/l #	84
82) 4-Chlorotoluene	13.224	91	468533	21.702	ug/l	91
83) tert-Butylbenzene	13.442	119	493077	22.115	ug/l	93
84) 1,2,4-Trimethylbenzene	13.483	105	585684	22.757	ug/l	93
85) sec-Butylbenzene	13.618	105	698244	22.431	ug/l	97
86) p-Isopropyltoluene	13.730	119	561531	22.553	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	269634	21.436	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	265064	20.753	ug/l	98
89) n-Butylbenzene	14.059	91	466320	21.679	ug/l	98
90) Hexachloroethane	14.336	117	93774	20.845	ug/l	93
91) 1,2-Dichlorobenzene	14.107	146	271932	21.342	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	41210	21.799	ug/l	84
93) 1,2,4-Trichlorobenzene	15.395	180	136363	21.393	ug/l	99
94) Hexachlorobutadiene	15.501	225	67800	20.428	ug/l	96
95) Naphthalene	15.642	128	463711	22.711	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	138251	22.067	ug/l	99

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

