

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080723\
 Data File : VN078784.D
 Acq On : 07 Aug 2023 19:16
 Operator : JC\MD
 Sample : VSTDICC040
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC040

Quant Time: Aug 08 05:15:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/08/2023
 Supervised By : Semsettin Yesilyurt 08/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	166759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	295610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	260558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	105316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	85474	34.190	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	68.380%#		
35) Dibromofluoromethane	8.177	113	69013	34.571	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	69.140%#		
50) Toluene-d8	10.571	98	261126	35.545	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	71.100%#		
62) 4-Bromofluorobenzene	12.853	95	83243	37.915	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	75.820%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	93372	37.941	ug/l	95
3) Chloromethane	2.371	50	111449	38.823	ug/l	97
4) Vinyl Chloride	2.518	62	108834	40.153	ug/l	92
5) Bromomethane	2.954	94	71309	37.147	ug/l	99
6) Chloroethane	3.118	64	68254	38.297	ug/l	96
7) Trichlorofluoromethane	3.501	101	145409	39.055	ug/l	95
8) Diethyl Ether	3.971	74	54208	39.902	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.377	101	76609	39.504	ug/l	98
10) Methyl Iodide	4.601	142	102865	41.308	ug/l	94
11) Tert butyl alcohol	5.536	59	80489	183.449	ug/l	98
12) 1,1-Dichloroethene	4.348	96	76880	39.448	ug/l	90
13) Acrolein	4.195	56	76215	205.304	ug/l	98
14) Allyl chloride	5.036	41	130212	40.127	ug/l #	91
15) Acrylonitrile	5.736	53	228164	199.688	ug/l	98
16) Acetone	4.442	43	184859	192.184	ug/l	91
17) Carbon Disulfide	4.724	76	215190	38.707	ug/l #	93
18) Methyl Acetate	5.042	43	170436	39.451	ug/l #	80
19) Methyl tert-butyl Ether	5.812	73	262435	39.863	ug/l	94
20) Methylene Chloride	5.289	84	93753	39.355	ug/l #	82
21) trans-1,2-Dichloroethene	5.795	96	85519	39.212	ug/l #	77
22) Diisopropyl ether	6.683	45	314367	40.324	ug/l #	90
23) Vinyl Acetate	6.618	43	990226	202.406	ug/l #	83
24) 1,1-Dichloroethane	6.577	63	168209	39.679	ug/l	96
25) 2-Butanone	7.494	43	325491	199.831	ug/l #	76
26) 2,2-Dichloropropane	7.500	77	119460	40.352	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	100034	39.951	ug/l	88
28) Bromochloromethane	7.824	49	85343	37.152	ug/l #	72
29) Tetrahydrofuran	7.847	42	211595	194.126	ug/l #	73
30) Chloroform	7.977	83	169761	39.761	ug/l	90
31) Cyclohexane	8.265	56	139966	38.104	ug/l #	78
32) 1,1,1-Trichloroethane	8.177	97	145251	40.024	ug/l	93
36) 1,1-Dichloropropene	8.383	75	123756	39.959	ug/l	95
37) Ethyl Acetate	7.571	43	131314	39.878	ug/l #	89
38) Carbon Tetrachloride	8.371	117	126146	39.511	ug/l	97
39) Methylcyclohexane	9.606	83	114999	39.754	ug/l #	86
40) Benzene	8.612	78	369758	39.472	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	68037	37.161	ug/l #	83
42) 1,2-Dichloroethane	8.683	62	133524	39.657	ug/l	98
43) Isopropyl Acetate	8.694	43	222924	40.154	ug/l #	88
44) Trichloroethene	9.359	130	90578	39.481	ug/l	96
45) 1,2-Dichloropropane	9.630	63	98710	39.308	ug/l	99
46) Dibromomethane	9.712	93	67110	40.153	ug/l	96
47) Bromodichloromethane	9.894	83	132831	39.930	ug/l	98
48) Methyl methacrylate	9.688	41	106755	41.617	ug/l #	76
49) 1,4-Dioxane	9.706	88	34915	838.198	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	692322	203.591	ug/l #	85
52) Toluene	10.635	92	229759	40.162	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	141357	41.588	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	149541	40.495	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	89063	39.165	ug/l	95
56) Ethyl methacrylate	10.882	69	141112	42.792	ug/l #	75
57) 1,3-Dichloropropane	11.171	76	160240	40.530	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	247393	208.970	ug/l #	88
59) 2-Hexanone	11.200	43	492707	204.623	ug/l	84
60) Dibromochloromethane	11.365	129	100555	42.132	ug/l	98
61) 1,2-Dibromoethane	11.477	107	90358	40.117	ug/l	97
64) Tetrachloroethene	11.112	164	78252	38.977	ug/l	94
65) Chlorobenzene	11.894	112	239339	40.335	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	90064	39.189	ug/l	95
67) Ethyl Benzene	11.971	91	425908	40.297	ug/l	96
68) m/p-Xylenes	12.076	106	317916	81.531	ug/l	100
69) o-Xylene	12.406	106	155642	40.662	ug/l	96
70) Styrene	12.418	104	252926	42.103	ug/l	99
71) Bromoform	12.582	173	63878	39.850	ug/l #	100
73) Isopropylbenzene	12.700	105	385336	37.176	ug/l	100
74) N-amyl acetate	12.500	43	177275	37.703	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.947	83	128348	36.436	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	113983m	40.031	ug/l	
77) Bromobenzene	12.988	156	89789	36.919	ug/l	97
78) n-propylbenzene	13.041	91	440322	38.651	ug/l	99
79) 2-Chlorotoluene	13.129	91	268072	36.626	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	315261	37.968	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	37506	35.345	ug/l #	83
82) 4-Chlorotoluene	13.229	91	255375	38.140	ug/l	98
83) tert-Butylbenzene	13.441	119	260443	37.660	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	313550	39.291	ug/l	97
85) sec-Butylbenzene	13.623	105	338395	37.422	ug/l	100
86) p-Isopropyltoluene	13.735	119	276035	38.390	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	149794	38.563	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	150695	39.137	ug/l	100
89) n-Butylbenzene	14.059	91	213970	39.661	ug/l	99
90) Hexachloroethane	14.335	117	54503	36.573	ug/l	87
91) 1,2-Dichlorobenzene	14.112	146	152051	40.634	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	20226	37.433	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	45780	43.542	ug/l	99
94) Hexachlorobutadiene	15.512	225	26392	39.832	ug/l	96
95) Naphthalene	15.647	128	146748	41.815	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	52029	41.558	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

