

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080723\
 Data File : VN078785.D
 Acq On : 07 Aug 2023 19:40
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 08 05:16:23 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	8.236	168	163328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	250521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	49992	20.417	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.840%#		
35) Dibromofluoromethane	8.177	113	41077	20.715	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.420%#		
50) Toluene-d8	10.577	98	153619	21.051	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	42.100%#		
62) 4-Bromofluorobenzene	12.853	95	43377	19.890	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.780%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	47648	19.768	ug/l	94
3) Chloromethane	2.371	50	55098	19.597	ug/l	96
4) Vinyl Chloride	2.518	62	51919	19.557	ug/l	97
5) Bromomethane	2.954	94	36808	19.577	ug/l	97
6) Chloroethane	3.124	64	34073	19.520	ug/l	91
7) Trichlorofluoromethane	3.501	101	69706	19.115	ug/l	95
8) Diethyl Ether	3.965	74	26146	19.650	ug/l #	56
9) 1,1,2-Trichlorotrifluo...	4.377	101	37742	19.871	ug/l	97
10) Methyl Iodide	4.595	142	46936	19.244	ug/l	97
11) Tert butyl alcohol	5.547	59	41420	96.387	ug/l	96
12) 1,1-Dichloroethene	4.342	96	37819	19.813	ug/l #	87
13) Acrolein	4.195	56	33640	92.521	ug/l	96
14) Allyl chloride	5.030	41	60087	18.906	ug/l	92
15) Acrylonitrile	5.742	53	108009	96.515	ug/l	98
16) Acetone	4.448	43	91914	97.563	ug/l #	88
17) Carbon Disulfide	4.718	76	106465	19.553	ug/l	97
18) Methyl Acetate	5.042	43	83988	19.849	ug/l #	81
19) Methyl tert-butyl Ether	5.812	73	125882	19.523	ug/l #	90
20) Methylene Chloride	5.289	84	45006	19.289	ug/l #	81
21) trans-1,2-Dichloroethene	5.800	96	41137	19.258	ug/l	92
22) Diisopropyl ether	6.683	45	149261	19.548	ug/l #	88
23) Vinyl Acetate	6.618	43	476057	99.352	ug/l #	84
24) 1,1-Dichloroethane	6.583	63	81183	19.552	ug/l	95
25) 2-Butanone	7.494	43	156073	97.832	ug/l #	78
26) 2,2-Dichloropropane	7.500	77	55370	19.096	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	47350	19.307	ug/l	87
28) Bromochloromethane	7.818	49	42672	18.966	ug/l #	73
29) Tetrahydrofuran	7.847	42	103252	96.718	ug/l #	71
30) Chloroform	7.977	83	80327	19.209	ug/l	99
31) Cyclohexane	8.265	56	69944	19.442	ug/l	85
32) 1,1,1-Trichloroethane	8.177	97	70917	19.952	ug/l	95
36) 1,1-Dichloropropene	8.377	75	58432	18.994	ug/l	95
37) Ethyl Acetate	7.577	43	64648	19.764	ug/l #	90
38) Carbon Tetrachloride	8.371	117	61350	19.345	ug/l	99
39) Methylcyclohexane	9.606	83	55730	19.394	ug/l	90
40) Benzene	8.612	78	177861	19.114	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	34398	18.914	ug/l #	81
42) 1,2-Dichloroethane	8.683	62	63197	18.896	ug/l	98
43) Isopropyl Acetate	8.694	43	107926	19.570	ug/l #	88
44) Trichloroethene	9.359	130	43893	19.261	ug/l	98
45) 1,2-Dichloropropane	9.630	63	49370	19.792	ug/l	95
46) Dibromomethane	9.718	93	32268	19.436	ug/l	98
47) Bromodichloromethane	9.894	83	63706	19.279	ug/l	94
48) Methyl methacrylate	9.688	41	47258	18.546	ug/l #	79
49) 1,4-Dioxane	9.712	88	16542	399.786	ug/l #	77
51) 4-Methyl-2-Pentanone	10.453	43	325294	96.301	ug/l #	85
52) Toluene	10.635	92	110213	19.394	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	62863	18.619	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	70178	19.131	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	42893	18.989	ug/l	95
56) Ethyl methacrylate	10.882	69	64117	19.574	ug/l #	75
57) 1,3-Dichloropropane	11.171	76	73923	18.823	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.171	63	109939	93.488	ug/l #	87
59) 2-Hexanone	11.206	43	227322	95.041	ug/l	84
60) Dibromochloromethane	11.365	129	43082	18.172	ug/l	93
61) 1,2-Dibromoethane	11.476	107	43087	19.258	ug/l	97
64) Tetrachloroethene	11.106	164	38100	19.738	ug/l	97
65) Chlorobenzene	11.894	112	111978	19.627	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	42290	19.138	ug/l	96
67) Ethyl Benzene	11.971	91	196994	19.385	ug/l	98
68) m/p-Xylenes	12.076	106	149309	39.825	ug/l	100
69) o-Xylene	12.406	106	72344	19.657	ug/l	97
70) Styrene	12.418	104	113455	19.643	ug/l	99
71) Bromoform	12.582	173	29559	19.179	ug/l #	96
73) Isopropylbenzene	12.700	105	177449	19.768	ug/l	99
74) N-amyl acetate	12.500	43	79631	19.556	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	60058	19.687	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	48170m	19.534	ug/l	
77) Bromobenzene	12.988	156	40069	19.024	ug/l	98
78) n-propylbenzene	13.041	91	191997	19.460	ug/l	97
79) 2-Chlorotoluene	13.129	91	125379	19.780	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	141173	19.632	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	16234	17.666	ug/l #	72
82) 4-Chlorotoluene	13.223	91	113922	19.646	ug/l	97
83) tert-Butylbenzene	13.447	119	121006	20.204	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	138524	20.044	ug/l	99
85) sec-Butylbenzene	13.618	105	153986	19.663	ug/l	98
86) p-Isopropyltoluene	13.735	119	122989	19.751	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	67629	20.104	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	66292	19.880	ug/l	100
89) n-Butylbenzene	14.065	91	94235	20.169	ug/l	97
90) Hexachloroethane	14.341	117	24762	19.186	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	64816	20.001	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9422	20.135	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	16052	17.629	ug/l	100
94) Hexachlorobutadiene	15.512	225	12762	19.506	ug/l	91
95) Naphthalene	15.647	128	54036	17.779	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	21010	19.378	ug/l	99

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

