Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
Data File : VN076922.D
Acq On : 10 Mar 2023 13:47
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Mar 10 14:20:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	396553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	664361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	569230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	235662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	277163	46.837	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.680%		
35) Dibromofluoromethane	8.172	113	202760	45.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.580%		
50) Toluene-d8	10.571	98	772056	47.312	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.620%		
62) 4-Bromofluorobenzene	12.854	95	273085	45.753	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.500%		
Target Compounds						Qvalue
3) Chloromethane	2.384	50	1009	0.261	ug/l #	80
5) Bromomethane	2.978	94	1379	0.523	ug/l	98
6) Chloroethane	3.131	64	768	0.337	ug/l #	42
10) Methyl Iodide	4.619	142	3054	0.613	ug/l	97
12) 1,1-Dichloroethene	4.366	96	884	0.202	ug/l #	16
13) Acrolein	4.190	56	1090	1.473	ug/l #	46
15) Acrylonitrile	5.731	53	1393	0.599	ug/l #	18
16) Acetone	4.454	43	1424	0.694	ug/l #	40
17) Carbon Disulfide	4.725	76	7838	0.646	ug/l	96
18) Methyl Acetate	5.060	43	1854	0.245	ug/l #	48
21) trans-1,2-Dichloroethene	5.801	96	1333	0.287	ug/l #	81
23) Vinyl Acetate	6.619	43	2376	0.277	ug/l #	64
25) 2-Butanone	7.495	43	1533	0.526	ug/l #	82
27) cis-1,2-Dichloroethene	7.495	96	1129	0.211	ug/l	66
31) Cyclohexane	8.230	56	9898	1.166	ug/l #	40
36) 1,1-Dichloropropene	8.383	75	1814	0.265	ug/l #	80
38) Carbon Tetrachloride	8.236	117	46598	5.814	ug/l #	16
39) Methylcyclohexane	9.607	83	1733	0.208	ug/l	89
40) Benzene	8.619	78	4395	0.218	ug/l #	85
44) Trichloroethene	9.360	130	1842	0.353	ug/l	48
46) Dibromomethane	9.724	93	761	0.219	ug/l #	82
49) 1,4-Dioxane	9.713	88	86	0.959	ug/l #	30
51) 4-Methyl-2-Pentanone	10.454	43	2774	0.478	ug/l #	85
52) Toluene	10.636	92	3928	0.316	ug/l	79
59) 2-Hexanone	11.207	43	5519	1.303	ug/l	83
64) Tetrachloroethene	11.113	164	1638	0.356	ug/l #	78
65) Chlorobenzene	11.889	112	6160	0.484	ug/l	94
67) Ethyl Benzene	11.965	91	6934	0.296	ug/l	99
68) m/p-Xylenes	12.077	106	5413	0.615	ug/l	95
69) o-Xylene	12.395	106	2209	0.259	ug/l	97
70) Styrene	12.418	104	5889	0.427	ug/l	96
73) Isopropylbenzene	12.701	105	4891	0.233	ug/l	87
74) N-amyl acetate	12.495	43	2493	0.359	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.942	83	1557	0.252	ug/l #	85
76) 1,2,3-Trichloropropane	12.854	75	147640	25.841	ug/l #	1
77) Bromobenzene	12.983	156	3516	0.749	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) n-propylbenzene	13.036	91	10317	0.441	ug/l		95
79) 2-Chlorotoluene	13.124	91	7360	0.485	ug/l		92
80) 1,3,5-Trimethylbenzene	13.171	105	4564	0.255	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.854	75	147640	84.409	ug/l	#	15
82) 4-Chlorotoluene	13.224	91	9488	0.662	ug/l		93
83) tert-Butylbenzene	13.442	119	3865	0.254	ug/l		73
84) 1,2,4-Trimethylbenzene	13.483	105	5531	0.309	ug/l		98
85) sec-Butylbenzene	13.618	105	6486	0.311	ug/l		96
86) p-Isopropyltoluene	13.730	119	5717	0.340	ug/l		93
87) 1,3-Dichlorobenzene	13.736	146	7167	0.838	ug/l		97
88) 1,4-Dichlorobenzene	13.736	146	7167	0.835	ug/l		97
89) n-Butylbenzene	14.059	91	7889	0.562	ug/l		95
91) 1,2-Dichlorobenzene	14.107	146	7051	0.820	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.712	75	937	0.687	ug/l		97
93) 1,2,4-Trichlorobenzene	15.401	180	7669	1.605	ug/l		91
94) Hexachlorobutadiene	15.506	225	1563	0.614	ug/l		80
95) Naphthalene	15.648	128	35478	2.494	ug/l		98
96) 1,2,3-Trichlorobenzene	15.848	180	9072	1.955	ug/l		87

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

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