Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
Data File : BN036436.D
Acq On : 12 Feb 2025 12:07
Operator : RC/JU
Sample : Q1168-09
Misc : MDL-MDL-WATER 0.1 PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2025

Quant Time: Feb 12 13:07:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.753	152	2395	0.400	ng		0.00
7) Naphthalene-d8	10.551	136	5757	0.400	ng		# 0.01
13) Acenaphthene-d10	14.387	164	3723	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	8255	0.400	ng		0.00
29) Chrysene-d12	21.322	240	7128	0.400	ng		0.00
35) Perylene-d12	23.589	264	6884	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	2064	0.365	ng		0.00
5) Phenol-d6	6.930	99	2290	0.345	ng		0.00
8) Nitrobenzene-d5	8.907	82	1756	0.309	ng		0.00
11) 2-Methylnaphthalene-d10	12.141	152	4615	0.522	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	575	0.312	ng		0.01
15) 2-Fluorobiphenyl	13.019	172	4306	0.308	ng		0.00
27) Fluoranthene-d10	19.169	212	12451	0.542	ng		0.00
31) Terphenyl-d14	19.768	244	5772	0.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	264	0.101	ng		93
3) n-Nitrosodimethylamine	3.586	42	423	0.093	ng		98
6) bis(2-Chloroethyl)ether	7.175	93	659	0.095	ng		99
9) Naphthalene	10.594	128	1606	0.097	ng	#	88
10) Hexachlorobutadiene	10.882	225	409	0.101	ng	#	99
12) 2-Methylnaphthalene	12.217	142	1022	0.094	ng		96
16) Acenaphthylene	14.110	152	1659	0.101	ng		100
17) Acenaphthene	14.452	154	1083	0.099	ng		98
18) Fluorene	15.446	166	1519	0.097	ng		98
20) 4,6-Dinitro-2-methylph...	15.547	198	99	0.061	ng	#	1
21) 4-Bromophenyl-phenylether	16.342	248	483	0.098	ng	#	86
22) Hexachlorobenzene	16.453	284	667	0.110	ng		99
23) Atrazine	16.615	200	424	0.103	ng	#	86
24) Pentachlorophenol	16.813	266	119	0.041	ng		92
25) Phenanthrene	17.173	178	2492	0.104	ng		99
26) Anthracene	17.273	178	2216	0.105	ng		99
28) Fluoranthene	19.197	202	3112	0.106	ng		97
30) Pyrene	19.564	202	3137	0.114	ng		100
32) Benzo(a)anthracene	21.304	228	2616	0.112	ng		96
33) Chrysene	21.357	228	2888	0.114	ng		99
34) Bis(2-ethylhexyl)phtha...	21.241	149	1755	0.120	ng		98
36) Indeno(1,2,3-cd)pyrene	25.893	276	2628	0.109	ng		93
37) Benzo(b)fluoranthene	22.911	252	2686	0.118	ng	#	49
38) Benzo(k)fluoranthene	22.955	252	2747	0.118	ng	#	70
39) Benzo(a)pyrene	23.493	252	2483	0.125	ng	#	33
40) Dibenzo(a,h)anthracene	25.911	278	1914	0.101	ng	#	71
41) Benzo(g,h,i)perylene	26.595	276	2194	0.102	ng	#	88

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

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