Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030625\
Data File : BN036538.D
Acq On : 06 Mar 2025 17:12
Operator : RC/JU
Sample : Q1501-06MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BR-05-465-030525MSD

Quant Time: Mar 06 18:00:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	2073	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	5251	0.400	ng		# 0.01
13) Acenaphthene-d10	14.366	164	3279	0.400	ng		0.00
19) Phenanthrene-d10	17.111	188	6612	0.400	ng		0.00
29) Chrysene-d12	21.295	240	6058	0.400	ng		0.00
35) Perylene-d12	23.554	264	5433	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	0.000	112	0d	0.000	ng		
5) Phenol-d6	0.000	99	0d	0.000	ng		
8) Nitrobenzene-d5	8.875	82	1823	0.352	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	2497	0.309	ng		0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
15) 2-Fluorobiphenyl	12.988	172	6786	0.550	ng		0.00
27) Fluoranthene-d10	19.141	212	7783	0.423	ng		0.00
31) Terphenyl-d14	19.745	244	7194	0.556	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1729	0.762	ng	#	80
3) n-Nitrosodimethylamine	3.550	42	1029	0.261	ng	#	74
6) bis(2-Chloroethyl)ether	7.154	93	2606	0.434	ng		96
9) Naphthalene	10.562	128	5644	0.373	ng		99
10) Hexachlorobutadiene	10.850	225	1085	0.294	ng	#	96
12) 2-Methylnaphthalene	12.182	142	3676	0.370	ng		98
16) Acenaphthylene	14.088	152	6191	0.427	ng		100
17) Acenaphthene	14.430	154	3874	0.401	ng		98
18) Fluorene	15.414	166	5352	0.389	ng		96
21) 4-Bromophenyl-phenylether	16.304	248	1718	0.436	ng		92
22) Hexachlorobenzene	16.429	284	1870	0.384	ng		96
23) Atrazine	16.578	200	1716	0.521	ng		97
24) Pentachlorophenol	16.776	266	59	0.026	ng	#	86
25) Phenanthrene	17.149	178	9178	0.480	ng		100
26) Anthracene	17.235	178	8460	0.502	ng		99
28) Fluoranthene	19.174	202	11456	0.488	ng	#	94
30) Pyrene	19.536	202	12011	0.515	ng		99
32) Benzo(a)anthracene	21.277	228	9905	0.497	ng		98
33) Chrysene	21.331	228	10513	0.487	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	6640	0.535	ng		100
36) Indeno(1,2,3-cd)pyrene	25.841	276	9322	0.491	ng		99
37) Benzo(b)fluoranthene	22.873	252	9260	0.518	ng		97
38) Benzo(k)fluoranthene	22.920	252	9549	0.518	ng		100
39) Benzo(a)pyrene	23.455	252	8509	0.545	ng	#	95
40) Dibenzo(a,h)anthracene	25.855	278	7093	0.473	ng		99
41) Benzo(g,h,i)perylene	26.539	276	7341	0.432	ng		98

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

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