Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030625\
Data File : BN036537.D
Acq On : 06 Mar 2025 16:36
Operator : RC/JU
Sample : Q1501-05MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Mar 06 17:04:20 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	2381	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	5953	0.400	ng	# 0.01
13) Acenaphthene-d10	14.366	164	3666	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	7245	0.400	ng	0.00
29) Chrysene-d12	21.295	240	6501	0.400	ng	0.00
35) Perylene-d12	23.554	264	5628	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	2127	0.362	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2931	0.320	ng	0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	12.988	172	8027	0.582	ng	0.00
27) Fluoranthene-d10	19.141	212	8866	0.440	ng	0.00
31) Terphenyl-d14	19.740	244	8231	0.593	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	2135	0.820	ng	# 79
3) n-Nitrosodimethylamine	3.550	42	1256	0.278	ng	# 74
6) bis(2-Chloroethyl)ether	7.154	93	3027	0.438	ng	94
9) Naphthalene	10.562	128	6667	0.388	ng	99
10) Hexachlorobutadiene	10.850	225	1241	0.297	ng	# 99
12) 2-Methylnaphthalene	12.182	142	4359	0.387	ng	99
16) Acenaphthylene	14.088	152	7085	0.438	ng	99
17) Acenaphthene	14.430	154	4453	0.412	ng	99
18) Fluorene	15.414	166	6274	0.407	ng	100
21) 4-Bromophenyl-phenylether	16.305	248	1947	0.451	ng	94
22) Hexachlorobenzene	16.429	284	2131	0.399	ng	96
23) Atrazine	16.578	200	1961	0.543	ng	95
25) Phenanthrene	17.149	178	10539	0.503	ng	100
26) Anthracene	17.235	178	9641	0.522	ng	99
28) Fluoranthene	19.174	202	13013	0.506	ng	# 93
30) Pyrene	19.536	202	13652	0.545	ng	99
32) Benzo(a)anthracene	21.277	228	11007	0.515	ng	98
33) Chrysene	21.331	228	11789	0.509	ng	99
34) Bis(2-ethylhexyl)phtha...	21.214	149	7502	0.563	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.844	276	9697	0.493	ng	98
37) Benzo(b)fluoranthene	22.873	252	9933	0.536	ng	99
38) Benzo(k)fluoranthene	22.917	252	10277	0.539	ng	97
39) Benzo(a)pyrene	23.452	252	8885	0.549	ng	98
40) Dibenzo(a,h)anthracene	25.858	278	7435	0.479	ng	96
41) Benzo(g,h,i)perylene	26.534	276	7669	0.436	ng	99

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

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