Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
Data File : BN037163.D
Acq On : 04 Jun 2025 01:01
Operator : RC/JU
Sample : PB168238BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 04 02:19:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168238BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/04/2025
Supervised By :Jagrut Upadhyay 06/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2337	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	5804	0.400	ng	0.00
13) Acenaphthene-d10	14.234	164	3020	0.400	ng	0.00
19) Phenanthrene-d10	16.983	188	5236	0.400	ng	0.00
29) Chrysene-d12	21.179	240	3208	0.400	ng	# 0.00
35) Perylene-d12	23.371	264	2906	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	2122	0.367	ng	0.00
5) Phenol-d6	6.773	99	2506	0.358	ng	0.00
8) Nitrobenzene-d5	8.738	82	2165	0.354	ng	0.00
11) 2-Methylnaphthalene-d10	11.970	152	3304m	0.409	ng	0.00
14) 2,4,6-Tribromophenol	15.742	330	380	0.313	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	4668	0.363	ng	0.00
27) Fluoranthene-d10	19.026	212	4111	0.309	ng	0.00
31) Terphenyl-d14	19.634	244	2739	0.363	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	845	0.271	ng	# 9
3) n-Nitrosodimethylamine	3.429	42	2132	0.341	ng	# 96
6) bis(2-Chloroethyl)ether	7.026	93	2210	0.331	ng	94
9) Naphthalene	10.415	128	5936	0.354	ng	98
10) Hexachlorobutadiene	10.714	225	1283	0.352	ng	# 99
12) 2-Methylnaphthalene	12.041	142	3444	0.321	ng	98
16) Acenaphthylene	13.956	152	5823	0.393	ng	99
17) Acenaphthene	14.298	154	3448	0.359	ng	99
18) Fluorene	15.293	166	4468	0.354	ng	100
20) 4,6-Dinitro-2-methylph...	15.378	198	399	0.534	ng	# 74
21) 4-Bromophenyl-phenylether	16.189	248	1249	0.364	ng	96
22) Hexachlorobenzene	16.301	284	1385	0.374	ng	99
23) Atrazine	16.462	200	923	0.326	ng	100
24) Pentachlorophenol	16.648	266	999	0.666	ng	96
25) Phenanthrene	17.033	178	6882	0.406	ng	100
26) Anthracene	17.120	178	5989	0.387	ng	99
28) Fluoranthene	19.054	202	6565	0.350	ng	100
30) Pyrene	19.416	202	6450	0.412	ng	100
32) Benzo(a)anthracene	21.161	228	4569	0.393	ng	99
33) Chrysene	21.215	228	5281	0.408	ng	98
34) Bis(2-ethylhexyl)phtha...	21.108	149	2327	0.318	ng	99
36) Indeno(1,2,3-cd)pyrene	25.567	276	5031	0.435	ng	99
37) Benzo(b)fluoranthene	22.716	252	4303	0.367	ng	97
38) Benzo(k)fluoranthene	22.757	252	4657	0.389	ng	98
39) Benzo(a)pyrene	23.275	252	3948	0.402	ng	98
40) Dibenzo(a,h)anthracene	25.587	278	4020	0.451	ng	99
41) Benzo(g,h,i)perylene	26.236	276	4377	0.427	ng	98

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

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