Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037326.D
Acq On : 18 Jun 2025 23:15
Operator : RC/JU
Sample : Q2329-11MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT172S1-20250613MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/19/2025
Supervised By :mohammad ahmed 06/23/2025

Quant Time: Jun 19 06:43:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:40:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	620	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	1373	0.400	ng	0.00
13) Acenaphthene-d10	14.224	164	997	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2208	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2274	0.400	ng	# 0.00
35) Perylene-d12	23.357	264	2391	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	166	0.147	ng	0.00
5) Phenol-d6	6.752	99	115	0.104	ng	0.00
8) Nitrobenzene-d5	8.717	82	379	0.331	ng	-0.01
11) 2-Methylnaphthalene-d10	11.945	152	876m	0.392	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	301	0.409	ng	0.00
15) 2-Fluorobiphenyl	12.838	172	1560	0.357	ng	0.00
27) Fluoranthene-d10	19.007	212	3039	0.434	ng	0.00
31) Terphenyl-d14	19.616	244	2795	0.536	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	788	1.424	ng	# 88
3) n-Nitrosodimethylamine	3.422	42	117	0.182	ng	# 88
6) bis(2-Chloroethyl)ether	7.004	93	320	0.337	ng	94
9) Naphthalene	10.394	128	1210	0.341	ng	97
10) Hexachlorobutadiene	10.682	225	575	0.320	ng	# 100
12) 2-Methylnaphthalene	12.021	142	794	0.317	ng	97
16) Acenaphthylene	13.935	152	1600	0.381	ng	99
17) Acenaphthene	14.277	154	956	0.343	ng	98
18) Fluorene	15.271	166	1416	0.359	ng	98
20) 4,6-Dinitro-2-methylph...	15.368	198	288	0.425	ng	# 78
21) 4-Bromophenyl-phenylether	16.164	248	737	0.402	ng	# 81
22) Hexachlorobenzene	16.276	284	725	0.378	ng	97
23) Atrazine	16.450	200	664	0.464	ng	# 88
24) Pentachlorophenol	16.624	266	782	0.736	ng	96
25) Phenanthrene	17.009	178	2629	0.423	ng	99
26) Anthracene	17.108	178	2415	0.414	ng	99
28) Fluoranthene	19.040	202	3702	0.429	ng	# 95
30) Pyrene	19.402	202	3766	0.435	ng	100
32) Benzo(a)anthracene	21.153	228	3454	0.472	ng	100
33) Chrysene	21.206	228	3940	0.422	ng	99
34) Bis(2-ethylhexyl)phtha...	21.099	149	1610	0.536	ng	99
36) Indeno(1,2,3-cd)pyrene	25.544	276	4505	0.448	ng	# 95
37) Benzo(b)fluoranthene	22.702	252	3579	0.429	ng	98
38) Benzo(k)fluoranthene	22.746	252	4007	0.437	ng	98
39) Benzo(a)pyrene	23.260	252	3480	0.450	ng	# 93
40) Dibenzo(a,h)anthracene	25.558	278	3505	0.434	ng	89
41) Benzo(g,h,i)perylene	26.204	276	3809	0.413	ng	96

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

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