Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037246.D
Acq On : 14 Jun 2025 03:32
Operator : RC/JU
Sample : Q2299-03MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT191D1-20250609MS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 06/16/2025
Supervised By :Jagrut Upadhyay 06/16/2025

Quant Time: Jun 14 04:22:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	952	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	2349	0.400	ng		#-0.01
13) Acenaphthene-d10	14.224	164	1209	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	2152	0.400	ng		0.00
29) Chrysene-d12	21.171	240	1734	0.400	ng		0.00
35) Perylene-d12	23.363	264	1757	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.177	112	294	0.126	ng		0.00
5) Phenol-d6	6.766	99	177	0.072	ng		0.00
8) Nitrobenzene-d5	8.728	82	665	0.286	ng		0.00
11) 2-Methylnaphthalene-d10	11.955	152	830m	0.263	ng		0.00
14) 2,4,6-Tribromophenol	15.730	330	173	0.345	ng		0.00
15) 2-Fluorobiphenyl	12.848	172	1503	0.296	ng		0.00
27) Fluoranthene-d10	19.017	212	1941	0.345	ng		0.00
31) Terphenyl-d14	19.621	244	1642	0.419	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	2754	2.109	ng	#	91
3) n-Nitrosodimethylamine	3.422	42	489	0.164	ng		99
6) bis(2-Chloroethyl)ether	7.011	93	689	0.312	ng		94
9) Naphthalene	10.404	128	2106	0.310	ng		98
10) Hexachlorobutadiene	10.692	225	492	0.297	ng	#	99
12) 2-Methylnaphthalene	12.031	142	1184	0.286	ng		97
16) Acenaphthylene	13.946	152	2092	0.353	ng		98
17) Acenaphthene	14.288	154	1223	0.320	ng		100
18) Fluorene	15.282	166	1616	0.329	ng		98
20) 4,6-Dinitro-2-methylph...	15.378	198	182	0.438	ng		88
21) 4-Bromophenyl-phenylether	16.177	248	506	0.361	ng		92
22) Hexachlorobenzene	16.289	284	539	0.332	ng		96
23) Atrazine	16.462	200	508	0.406	ng		97
24) Pentachlorophenol	16.636	266	556	0.698	ng		98
25) Phenanthrene	17.021	178	2496	0.366	ng		98
26) Anthracene	17.108	178	2343	0.375	ng		99
28) Fluoranthene	19.045	202	3009	0.377	ng	#	95
30) Pyrene	19.407	202	3076	0.377	ng		100
32) Benzo(a)anthracene	21.162	228	2465	0.421	ng		99
33) Chrysene	21.206	228	2864	0.393	ng		99
34) Bis(2-ethylhexyl)phtha...	21.099	149	1818	0.417	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.549	276	2816	0.397	ng		99
37) Benzo(b)fluoranthene	22.708	252	2482	0.386	ng		97
38) Benzo(k)fluoranthene	22.751	252	2823	0.381	ng		98
39) Benzo(a)pyrene	23.266	252	2344	0.405	ng		99
40) Dibenzo(a,h)anthracene	25.564	278	2000	0.371	ng		98
41) Benzo(g,h,i)perylene	26.219	276	2427	0.369	ng		97

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

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