Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037606.D
Acq On : 19 Aug 2025 14:17
Operator : RC/JU
Sample : Q2842-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-081225MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

Quant Time: Aug 20 01:26:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2022	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4839	0.400	ng	0.00
13) Acenaphthene-d10	14.344	164	2406	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5009	0.400	ng	0.00
29) Chrysene-d12	21.267	240	4561	0.400	ng	# 0.00
35) Perylene-d12	23.504	264	3935	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.304	112	713	0.156	ng	0.00
5) Phenol-d6	6.879	99	499	0.090	ng	0.00
8) Nitrobenzene-d5	8.853	82	1080	0.317	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	1993m	0.303	ng	0.00
14) 2,4,6-Tribromophenol	15.832	330	401	0.381	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4509	0.324	ng	0.00
27) Fluoranthene-d10	19.117	212	4894	0.371	ng	0.00
31) Terphenyl-d14	19.721	244	4395	0.468	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	5537	2.862	ng	# 92
3) n-Nitrosodimethylamine	3.535	42	412	0.167	ng	# 94
6) bis(2-Chloroethyl)ether	7.139	93	1634	0.329	ng	97
9) Naphthalene	10.540	128	4289	0.333	ng	98
10) Hexachlorobutadiene	10.850	225	911	0.289	ng	# 99
12) 2-Methylnaphthalene	12.161	142	2410	0.298	ng	100
16) Acenaphthylene	14.066	152	3852	0.357	ng	100
17) Acenaphthene	14.408	154	2466	0.336	ng	98
18) Fluorene	15.392	166	3360	0.350	ng	99
20) 4,6-Dinitro-2-methylph...	15.467	198	237	0.441	ng	90
21) 4-Bromophenyl-phenylether	16.292	248	1112	0.353	ng	# 90
22) Hexachlorobenzene	16.403	284	1477	0.331	ng	98
23) Atrazine	16.552	200	799	0.449	ng	96
24) Pentachlorophenol	16.738	266	1294	0.826	ng	97
25) Phenanthrene	17.123	178	6750	0.443	ng	100
26) Anthracene	17.210	178	5136	0.381	ng	99
28) Fluoranthene	19.145	202	7312	0.418	ng	100
30) Pyrene	19.508	202	7072	0.415	ng	99
32) Benzo(a)anthracene	21.250	228	6132	0.402	ng	98
33) Chrysene	21.303	228	6692	0.394	ng	99
34) Bis(2-ethylhexyl)phtha...	21.205	149	3509	0.558	ng	99
36) Indeno(1,2,3-cd)pyrene	25.761	276	6228	0.376	ng	98
37) Benzo(b)fluoranthene	22.832	252	6261	0.420	ng	100
38) Benzo(k)fluoranthene	22.876	252	6279	0.373	ng	98
39) Benzo(a)pyrene	23.405	252	5127	0.415	ng	99
40) Dibenzo(a,h)anthracene	25.776	278	4745	0.369	ng	99
41) Benzo(g,h,i)perylene	26.445	276	5431	0.401	ng	99

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

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