Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037327.D
Acq On : 18 Jun 2025 23:52
Operator : RC/JU
Sample : Q2329-12MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT172S1-20250613MSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025

Quant Time: Jun 19 06:40:53 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	652	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	1479	0.400	ng	0.00
13) Acenaphthene-d10	14.224	164	1035	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2193	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2332	0.400	ng	# 0.00
35) Perylene-d12	23.351	264	2470	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	187	0.158	ng	0.00
5) Phenol-d6	6.759	99	103	0.088	ng	0.00
8) Nitrobenzene-d5	8.717	82	397	0.322	ng	-0.01
11) 2-Methylnaphthalene-d10	11.945	152	863m	0.359	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	282	0.369	ng	0.00
15) 2-Fluorobiphenyl	12.838	172	1651	0.364	ng	0.00
27) Fluoranthene-d10	19.008	212	3093	0.445	ng	0.00
31) Terphenyl-d14	19.616	244	2860	0.534	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	836	1.436	ng	# 86
3) n-Nitrosodimethylamine	3.422	42	120	0.178	ng	# 94
6) bis(2-Chloroethyl)ether	7.004	93	330	0.331	ng	90
9) Naphthalene	10.394	128	1308	0.342	ng	98
10) Hexachlorobutadiene	10.682	225	602	0.311	ng	# 97
12) 2-Methylnaphthalene	12.021	142	854	0.317	ng	98
16) Acenaphthylene	13.935	152	1624	0.373	ng	97
17) Acenaphthene	14.277	154	983	0.340	ng	100
18) Fluorene	15.272	166	1532	0.374	ng	98
20) 4,6-Dinitro-2-methylph...	15.368	198	263	0.390	ng	# 80
21) 4-Bromophenyl-phenylether	16.177	248	734	0.403	ng	# 93
22) Hexachlorobenzene	16.276	284	716	0.376	ng	98
23) Atrazine	16.450	200	667	0.469	ng	# 89
24) Pentachlorophenol	16.624	266	786	0.744	ng	97
25) Phenanthrene	17.009	178	2704	0.438	ng	99
26) Anthracene	17.108	178	2487	0.429	ng	99
28) Fluoranthene	19.040	202	3796	0.443	ng	# 96
30) Pyrene	19.403	202	3860	0.435	ng	99
32) Benzo(a)anthracene	21.153	228	3683	0.490	ng	98
33) Chrysene	21.207	228	4114	0.429	ng	99
34) Bis(2-ethylhexyl)phtha...	21.099	149	1600	0.520	ng	99
36) Indeno(1,2,3-cd)pyrene	25.541	276	4780	0.460	ng	# 93
37) Benzo(b)fluoranthene	22.699	252	3789	0.439	ng	97
38) Benzo(k)fluoranthene	22.743	252	4103	0.433	ng	97
39) Benzo(a)pyrene	23.260	252	3593	0.450	ng	94
40) Dibenzo(a,h)anthracene	25.553	278	3494	0.419	ng	# 87
41) Benzo(g,h,i)perylene	26.205	276	4093	0.430	ng	98

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

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