Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
Data File : BN037773.D
Acq On : 18 Sep 2025 12:25
Operator : RC/JU
Sample : Q3097-03MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Quant Time: Sep 18 12:59:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7159	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	19099	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	8494	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	14218	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	11982	0.400	ng	# 0.00
35) Perylene-d12	23.747	264	11726	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2162	0.132	ng	0.00
5) Phenol-d6	6.988	99	1603	0.075	ng	0.00
8) Nitrobenzene-d5	8.982	82	4572	0.327	ng	-0.01
11) 2-Methylnaphthalene-d10	12.232	152	7086	0.280	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	876	0.395	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	10884	0.306	ng	0.00
27) Fluoranthene-d10	19.266	212	12926	0.362	ng	0.00
31) Terphenyl-d14	19.866	244	9877	0.406	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	5455	0.732	ng	# 93
3) n-Nitrosodimethylamine	3.608	42	1372	0.141	ng	# 93
6) bis(2-Chloroethyl)ether	7.248	93	6329	0.332	ng	100
9) Naphthalene	10.690	128	16829	0.322	ng	99
10) Hexachlorobutadiene	10.989	225	2887	0.306	ng	# 98
12) 2-Methylnaphthalene	12.303	142	9108	0.282	ng	100
16) Acenaphthylene	14.206	152	13370	0.343	ng	99
17) Acenaphthene	14.548	154	8415	0.319	ng	99
18) Fluorene	15.535	166	10028	0.314	ng	100
20) 4,6-Dinitro-2-methylph...	15.609	198	468	0.355	ng	94
21) 4-Bromophenyl-phenylether	16.429	248	3385	0.365	ng	# 87
22) Hexachlorobenzene	16.540	284	3993	0.374	ng	98
23) Atrazine	16.689	200	2440	0.414	ng	# 90
24) Pentachlorophenol	16.888	266	2303	0.744	ng	97
25) Phenanthrene	17.273	178	16893	0.377	ng	99
26) Anthracene	17.359	178	14220	0.359	ng	99
28) Fluoranthene	19.294	202	18446	0.376	ng	99
30) Pyrene	19.657	202	18763	0.400	ng	100
32) Benzo(a)anthracene	21.393	228	17097	0.409	ng	99
33) Chrysene	21.447	228	18729	0.418	ng	98
34) Bis(2-ethylhexyl)phtha...	21.339	149	5916	0.477	ng	99
36) Indeno(1,2,3-cd)pyrene	26.130	276	22920	0.465	ng	99
37) Benzo(b)fluoranthene	23.040	252	19407	0.420	ng	98
38) Benzo(k)fluoranthene	23.086	252	19956	0.424	ng	98
39) Benzo(a)pyrene	23.642	252	15734	0.426	ng	98
40) Dibenzo(a,h)anthracene	26.148	278	17896	0.455	ng	97
41) Benzo(g,h,i)perylene	26.855	276	19134	0.433	ng	98

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

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