Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071425\
Data File : BN037488.D
Acq On : 14 Jul 2025 12:15
Operator : RC/JU
Sample : PB168720BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168720BSD

Quant Time: Jul 14 12:50:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:38:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	1906	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4315	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	1930	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	3183	0.400	ng	0.00
29) Chrysene-d12	21.286	240	2258	0.400	ng	0.00
35) Perylene-d12	23.525	264	1944	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1467	0.331	ng	0.00
5) Phenol-d6	6.887	99	1734	0.311	ng	0.00
8) Nitrobenzene-d5	8.865	82	1147	0.366	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2001m	0.341	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	194	0.296	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	3931	0.357	ng	0.00
27) Fluoranthene-d10	19.132	212	2563	0.319	ng	0.00
31) Terphenyl-d14	19.736	244	1802	0.382	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	542	0.303	ng	# 71
3) n-Nitrosodimethylamine	3.557	42	951	0.397	ng	# 89
6) bis(2-Chloroethyl)ether	7.154	93	1665	0.357	ng	98
9) Naphthalene	10.562	128	4070	0.351	ng	100
10) Hexachlorobutadiene	10.861	225	1073	0.385	ng	# 100
12) 2-Methylnaphthalene	12.177	142	2196	0.302	ng	99
16) Acenaphthylene	14.078	152	3342	0.380	ng	100
17) Acenaphthene	14.420	154	1994	0.338	ng	98
18) Fluorene	15.403	166	2406	0.324	ng	99
20) 4,6-Dinitro-2-methylph...	15.478	198	143	0.400	ng	# 85
21) 4-Bromophenyl-phenylether	16.305	248	707	0.356	ng	# 87
22) Hexachlorobenzene	16.416	284	1046	0.382	ng	99
23) Atrazine	16.565	200	366	0.371	ng	96
24) Pentachlorophenol	16.751	266	544	0.577	ng	97
25) Phenanthrene	17.136	178	3406	0.351	ng	99
26) Anthracene	17.223	178	3043	0.348	ng	99
28) Fluoranthene	19.160	202	3286	0.309	ng	99
30) Pyrene	19.522	202	3218	0.354	ng	100
32) Benzo(a)anthracene	21.268	228	2755	0.360	ng	99
33) Chrysene	21.322	228	3058	0.366	ng	99
34) Bis(2-ethylhexyl)phtha...	21.223	149	948	0.365	ng	99
36) Indeno(1,2,3-cd)pyrene	25.800	276	2947	0.391	ng	98
37) Benzo(b)fluoranthene	22.853	252	2832	0.375	ng	97
38) Benzo(k)fluoranthene	22.897	252	2765	0.361	ng	99
39) Benzo(a)pyrene	23.426	252	2429	0.399	ng	99
40) Dibenzo(a,h)anthracene	25.814	278	2257	0.371	ng	99
41) Benzo(g,h,i)perylene	26.481	276	2561	0.384	ng	99

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

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