Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071425\
Data File : BN037487.D
Acq On : 14 Jul 2025 11:39
Operator : RC/JU
Sample : PB168720BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168720BS

Quant Time: Jul 14 12:50:02 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	1966	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4534	0.400	ng		0.00
13) Acenaphthene-d10	14.355	164	2005	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	3383	0.400	ng		0.00
29) Chrysene-d12	21.286	240	2498	0.400	ng		0.00
35) Perylene-d12	23.525	264	2162	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1473	0.322	ng		0.00
5) Phenol-d6	6.894	99	1791	0.311	ng		0.00
8) Nitrobenzene-d5	8.865	82	1150	0.349	ng		0.00
11) 2-Methylnaphthalene-d10	12.101	152	2130	0.346	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	195	0.287	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	4148	0.362	ng		0.00
27) Fluoranthene-d10	19.127	212	2645	0.310	ng		0.00
31) Terphenyl-d14	19.736	244	1871	0.359	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	606	0.328	ng	#	91
3) n-Nitrosodimethylamine	3.557	42	891	0.361	ng	#	96
6) bis(2-Chloroethyl)ether	7.154	93	1739	0.361	ng		98
9) Naphthalene	10.562	128	4246	0.349	ng		100
10) Hexachlorobutadiene	10.861	225	1101	0.376	ng	#	100
12) 2-Methylnaphthalene	12.177	142	2332	0.306	ng		98
16) Acenaphthylene	14.078	152	3543	0.388	ng		100
17) Acenaphthene	14.420	154	2144	0.350	ng		100
18) Fluorene	15.403	166	2528	0.328	ng		98
20) 4,6-Dinitro-2-methylph...	15.478	198	136	0.358	ng	#	80
21) 4-Bromophenyl-phenylether	16.304	248	751	0.356	ng	#	90
22) Hexachlorobenzene	16.416	284	1101	0.378	ng		98
23) Atrazine	16.565	200	382	0.364	ng		95
24) Pentachlorophenol	16.751	266	582	0.580	ng		98
25) Phenanthrene	17.136	178	3618	0.351	ng		99
26) Anthracene	17.223	178	3215	0.346	ng		100
28) Fluoranthene	19.160	202	3519	0.311	ng		99
30) Pyrene	19.522	202	3456	0.344	ng		100
32) Benzo(a)anthracene	21.268	228	2920	0.345	ng		99
33) Chrysene	21.322	228	3244	0.351	ng		99
34) Bis(2-ethylhexyl)phtha...	21.223	149	1036	0.360	ng		99
36) Indeno(1,2,3-cd)pyrene	25.794	276	3126	0.373	ng		99
37) Benzo(b)fluoranthene	22.853	252	3012	0.358	ng		98
38) Benzo(k)fluoranthene	22.897	252	2969	0.348	ng		99
39) Benzo(a)pyrene	23.426	252	2561	0.378	ng		99
40) Dibenzo(a,h)anthracene	25.811	278	2399	0.354	ng		100
41) Benzo(g,h,i)perylene	26.481	276	2774	0.374	ng		97

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

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