Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071625\
Data File : BN037516.D
Acq On : 16 Jul 2025 13:29
Operator : RC/JU
Sample : PB168868BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168868BS

Quant Time: Jul 16 14:18:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 16 02:38:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1941	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4724	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2338	0.400	ng	0.00
19) Phenanthrene-d10	17.099	188	4406	0.400	ng	0.00
29) Chrysene-d12	21.277	240	3170	0.400	ng	# 0.00
35) Perylene-d12	23.516	264	2673	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	1583	0.330	ng	0.00
5) Phenol-d6	6.886	99	1842	0.306	ng	0.00
8) Nitrobenzene-d5	8.864	82	1256	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2518	0.372	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	319	0.278	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	4762	0.392	ng	0.00
27) Fluoranthene-d10	19.127	212	3669	0.314	ng	0.00
31) Terphenyl-d14	19.731	244	2698	0.396	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	584	0.313	ng	# 86
3) n-Nitrosodimethylamine	3.543	42	884	0.377	ng	91
6) bis(2-Chloroethyl)ether	7.146	93	1766	0.352	ng	99
9) Naphthalene	10.551	128	4462	0.354	ng	98
10) Hexachlorobutadiene	10.861	225	1143	0.411	ng	# 100
12) 2-Methylnaphthalene	12.172	142	2524	0.305	ng	98
16) Acenaphthylene	14.067	152	4119	0.393	ng	99
17) Acenaphthene	14.419	154	2481	0.348	ng	98
18) Fluorene	15.403	166	3145	0.343	ng	99
20) 4,6-Dinitro-2-methylph...	15.478	198	156	0.353	ng	# 80
21) 4-Bromophenyl-phenylether	16.292	248	959	0.340	ng	99
22) Hexachlorobenzene	16.404	284	1396	0.383	ng	99
23) Atrazine	16.565	200	626	0.318	ng	97
24) Pentachlorophenol	16.751	266	741	0.453	ng	98
25) Phenanthrene	17.136	178	4669	0.354	ng	99
26) Anthracene	17.223	178	4245	0.352	ng	100
28) Fluoranthene	19.155	202	4753	0.312	ng	98
30) Pyrene	19.517	202	4670	0.366	ng	99
32) Benzo(a)anthracene	21.259	228	3845	0.346	ng	99
33) Chrysene	21.313	228	4286	0.371	ng	98
34) Bis(2-ethylhexyl)phtha...	21.214	149	1473	0.295	ng	99
36) Indeno(1,2,3-cd)pyrene	25.782	276	4222	0.379	ng	98
37) Benzo(b)fluoranthene	22.844	252	3705	0.365	ng	96
38) Benzo(k)fluoranthene	22.891	252	3949	0.377	ng	96
39) Benzo(a)pyrene	23.420	252	3289	0.389	ng	95
40) Dibenzo(a,h)anthracene	25.797	278	3329	0.369	ng	94
41) Benzo(g,h,i)perylene	26.466	276	3528	0.378	ng	98

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

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