Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073025\
Data File : BN037556.D
Acq On : 30 Jul 2025 14:28
Operator : RC/JU
Sample : PB169039BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169039BSD

Quant Time: Jul 30 15:06:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1856	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4469	0.400	ng	#-0.01
13) Acenaphthene-d10	14.355	164	2108	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	3782	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	2830	0.400	ng	0.00
35) Perylene-d12	23.516	264	2422	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	1388	0.302	ng	0.00
5) Phenol-d6	6.879	99	1545	0.268	ng	0.00
8) Nitrobenzene-d5	8.854	82	1150	0.344	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	2118	0.330	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	235	0.227	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	4468	0.408	ng	0.00
27) Fluoranthene-d10	19.122	212	3082	0.308	ng	0.00
31) Terphenyl-d14	19.726	244	2251	0.370	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	527	0.295	ng	# 73
3) n-Nitrosodimethylamine	3.543	42	855	0.381	ng	# 81
6) bis(2-Chloroethyl)ether	7.147	93	1583	0.330	ng	98
9) Naphthalene	10.552	128	3998	0.335	ng	99
10) Hexachlorobutadiene	10.850	225	1113	0.423	ng	# 99
12) 2-Methylnaphthalene	12.167	142	2263	0.289	ng	96
16) Acenaphthylene	14.067	152	3562	0.377	ng	99
17) Acenaphthene	14.409	154	2159	0.336	ng	95
18) Fluorene	15.403	166	2741	0.332	ng	99
20) 4,6-Dinitro-2-methylph...	15.467	198	151	0.385	ng	94
21) 4-Bromophenyl-phenylether	16.292	248	816	0.337	ng	# 88
22) Hexachlorobenzene	16.404	284	1200	0.383	ng	95
23) Atrazine	16.565	200	527	0.312	ng	93
24) Pentachlorophenol	16.739	266	570	0.406	ng	99
25) Phenanthrene	17.136	178	3927	0.347	ng	99
26) Anthracene	17.223	178	3415	0.330	ng	99
28) Fluoranthene	19.150	202	3929	0.301	ng	98
30) Pyrene	19.517	202	3878	0.340	ng	100
32) Benzo(a)anthracene	21.259	228	3302	0.333	ng	97
33) Chrysene	21.313	228	3804	0.369	ng	99
34) Bis(2-ethylhexyl)phtha...	21.214	149	1364	0.306	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.779	276	3550	0.352	ng	95
37) Benzo(b)fluoranthene	22.844	252	3360	0.365	ng	97
38) Benzo(k)fluoranthene	22.888	252	3552	0.374	ng	94
39) Benzo(a)pyrene	23.420	252	2889	0.377	ng	93
40) Dibenzo(a,h)anthracene	25.794	278	2711	0.332	ng	# 93
41) Benzo(g,h,i)perylene	26.466	276	3061	0.362	ng	97

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

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