Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
Data File : BN037064.D
Acq On : 20 May 2025 03:06
Operator : RC/JU
Sample : PB168032BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168032BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/20/2025
Supervised By :Jagrut Upadhyay 05/20/2025

Quant Time: May 20 04:21:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1833	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4753	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2658	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5394	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	4207	0.400	ng	0.00
35) Perylene-d12	23.401	264	3563	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	1680	0.350	ng	0.00
5) Phenol-d6	6.788	99	1999	0.333	ng	0.00
8) Nitrobenzene-d5	8.760	82	1751	0.338	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2619m	0.391	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	369	0.316	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	4365	0.359	ng	0.00
27) Fluoranthene-d10	19.045	212	5129	0.347	ng	0.00
31) Terphenyl-d14	19.649	244	3630	0.403	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.133	88	671	0.298	ng	# 30
3) n-Nitrosodimethylamine	3.444	42	1648	0.341	ng	# 88
6) bis(2-Chloroethyl)ether	7.041	93	1876	0.339	ng	99
9) Naphthalene	10.436	128	4801	0.342	ng	100
10) Hexachlorobutadiene	10.735	225	1114	0.378	ng	# 99
12) 2-Methylnaphthalene	12.067	142	2858	0.316	ng	100
16) Acenaphthylene	13.978	152	4976	0.385	ng	100
17) Acenaphthene	14.320	154	2897	0.343	ng	98
18) Fluorene	15.314	166	4034	0.364	ng	99
20) 4,6-Dinitro-2-methylph...	15.400	198	389	0.376	ng	88
21) 4-Bromophenyl-phenylether	16.202	248	1247	0.366	ng	# 79
22) Hexachlorobenzene	16.314	284	1370	0.376	ng	97
23) Atrazine	16.487	200	1118	0.376	ng	95
24) Pentachlorophenol	16.661	266	994	0.494	ng	97
25) Phenanthrene	17.046	178	6359	0.361	ng	99
26) Anthracene	17.145	178	5895	0.367	ng	99
28) Fluoranthene	19.073	202	7112	0.338	ng	99
30) Pyrene	19.440	202	7085	0.394	ng	100
32) Benzo(a)anthracene	21.189	228	5889	0.372	ng	100
33) Chrysene	21.233	228	6253	0.373	ng	99
34) Bis(2-ethylhexyl)phtha...	21.126	149	3545	0.364	ng	98
36) Indeno(1,2,3-cd)pyrene	25.614	276	5225	0.359	ng	99
37) Benzo(b)fluoranthene	22.743	252	5423	0.367	ng	98
38) Benzo(k)fluoranthene	22.790	252	5654	0.387	ng	98
39) Benzo(a)pyrene	23.307	252	4676	0.373	ng	# 92
40) Dibenzo(a,h)anthracene	25.626	278	4014	0.354	ng	99
41) Benzo(g,h,i)perylene	26.284	276	4444	0.361	ng	98

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

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