Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052125\
Data File : BN037081.D
Acq On : 20 May 2025 19:23
Operator : RC/JU
Sample : PB168032BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168032BSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025

Quant Time: May 21 01:39:12 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	1841	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4693	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2613	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5111	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	3649	0.400	ng	0.00
35) Perylene-d12	23.401	264	3038	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	1702	0.353	ng	0.00
5) Phenol-d6	6.788	99	2053	0.340	ng	0.00
8) Nitrobenzene-d5	8.760	82	1797	0.352	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2601m	0.394	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	349	0.304	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	3964	0.331	ng	-0.01
27) Fluoranthene-d10	19.045	212	4622	0.330	ng	0.00
31) Terphenyl-d14	19.649	244	3241	0.415	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.133	88	718	0.318	ng	# 36
3) n-Nitrosodimethylamine	3.444	42	1767	0.364	ng	# 91
6) bis(2-Chloroethyl)ether	7.040	93	1893	0.341	ng	98
9) Naphthalene	10.436	128	4817	0.347	ng	99
10) Hexachlorobutadiene	10.735	225	1123	0.386	ng	# 98
12) 2-Methylnaphthalene	12.062	142	2818	0.316	ng	98
16) Acenaphthylene	13.978	152	4821	0.379	ng	99
17) Acenaphthene	14.320	154	2919	0.351	ng	99
18) Fluorene	15.314	166	3919	0.359	ng	98
20) 4,6-Dinitro-2-methylph...	15.400	198	332	0.342	ng	84
21) 4-Bromophenyl-phenylether	16.202	248	1183	0.366	ng	# 76
22) Hexachlorobenzene	16.313	284	1362	0.394	ng	99
23) Atrazine	16.487	200	1040	0.369	ng	98
24) Pentachlorophenol	16.661	266	701	0.368	ng	98
25) Phenanthrene	17.046	178	6008	0.360	ng	99
26) Anthracene	17.133	178	5559	0.366	ng	99
28) Fluoranthene	19.073	202	6397	0.321	ng	99
30) Pyrene	19.435	202	6454	0.413	ng	100
32) Benzo(a)anthracene	21.189	228	5118	0.373	ng	99
33) Chrysene	21.233	228	5414	0.373	ng	98
34) Bis(2-ethylhexyl)phtha...	21.126	149	3090	0.365	ng	100
36) Indeno(1,2,3-cd)pyrene	25.608	276	4724	0.381	ng	# 83
37) Benzo(b)fluoranthene	22.743	252	4650	0.369	ng	97
38) Benzo(k)fluoranthene	22.787	252	4818	0.387	ng	98
39) Benzo(a)pyrene	23.307	252	4113	0.385	ng	# 92
40) Dibenzo(a,h)anthracene	25.631	278	3637	0.376	ng	98
41) Benzo(g,h,i)perylene	26.286	276	4012	0.382	ng	98

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

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