Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042825\
Data File : BN036923.D
Acq On : 28 Apr 2025 11:35
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 28 15:11:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:11:09 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.633	152	2671	0.400	ng		0.00
7) Naphthalene-d8	10.415	136	6571	0.400	ng		0.00
13) Acenaphthene-d10	14.277	164	3486	0.400	ng		0.00
19) Phenanthrene-d10	17.021	188	6515	0.400	ng		0.00
29) Chrysene-d12	21.215	240	4809	0.400	ng		0.00
35) Perylene-d12	23.427	264	4185	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.220	112	701	0.102	ng		0.00
5) Phenol-d6	6.802	99	848	0.101	ng		0.00
8) Nitrobenzene-d5	8.781	82	657	0.096	ng		0.00
11) 2-Methylnaphthalene-d10	12.011	152	887	0.097	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	136	0.089	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	1636	0.097	ng		0.00
27) Fluoranthene-d10	19.059	212	1617	0.097	ng		0.00
31) Terphenyl-d14	19.662	244	1171	0.102	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.155	88	302m	0.090	ng		
3) n-Nitrosodimethylamine	3.473	42	603	0.093	ng	#	92
6) bis(2-Chloroethyl)ether	7.062	93	784	0.101	ng		98
9) Naphthalene	10.458	128	1897	0.099	ng	#	93
10) Hexachlorobutadiene	10.756	225	427	0.102	ng	#	99
12) 2-Methylnaphthalene	12.082	142	1176	0.096	ng		98
16) Acenaphthylene	13.999	152	1635	0.097	ng		100
17) Acenaphthene	14.341	154	1102	0.099	ng		98
18) Fluorene	15.325	166	1398	0.096	ng		99
21) 4-Bromophenyl-phenylether	16.227	248	424	0.098	ng		95
22) Hexachlorobenzene	16.338	284	490	0.102	ng		97
23) Atrazine	16.500	200	314	0.092	ng	#	92
24) Pentachlorophenol	16.686	266	261	0.105	ng		92
25) Phenanthrene	17.058	178	2132	0.099	ng		98
26) Anthracene	17.157	178	1842	0.096	ng		100
28) Fluoranthene	19.091	202	2259	0.095	ng		97
30) Pyrene	19.453	202	2307	0.099	ng		98
32) Benzo(a)anthracene	21.197	228	1685	0.096	ng		96
33) Chrysene	21.251	228	1824	0.095	ng		96
34) Bis(2-ethylhexyl)phtha...	21.144	149	1141	0.114	ng		99
36) Indeno(1,2,3-cd)pyrene	25.646	276	1669	0.097	ng		99
37) Benzo(b)fluoranthene	22.763	252	1653	0.095	ng	#	66
38) Benzo(k)fluoranthene	22.810	252	1675	0.096	ng	#	63
39) Benzo(a)pyrene	23.330	252	1376	0.096	ng	#	61
40) Dibenzo(a,h)anthracene	25.658	278	1286	0.095	ng	#	70
41) Benzo(g,h,i)perylene	26.324	276	1527	0.101	ng	#	86

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

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