Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
Data File : BN036884.D
Acq On : 11 Apr 2025 18:45
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 11 23:05:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 11 16:11:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	254	0.400	ng	0.00
7) Naphthalene-d8	10.425	136	679	0.400	ng	# 0.00
13) Acenaphthene-d10	14.288	164	407	0.400	ng	0.00
19) Phenanthrene-d10	17.033	188	865	0.400	ng	0.00
29) Chrysene-d12	21.233	240	1015	0.400	ng	0.00
35) Perylene-d12	23.447	264	1369	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	249	0.417	ng	0.00
5) Phenol-d6	6.816	99	316	0.414	ng	0.00
8) Nitrobenzene-d5	8.792	82	300	0.398	ng	0.00
11) 2-Methylnaphthalene-d10	12.021	152	405	0.410	ng	0.00
14) 2,4,6-Tribromophenol	15.780	330	83	0.423	ng	0.00
15) 2-Fluorobiphenyl	12.908	172	821	0.420	ng	0.00
27) Fluoranthene-d10	19.072	212	1116	0.458	ng	0.00
31) Terphenyl-d14	19.676	244	782	0.406	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.155	88	98m	0.333	ng	
3) n-Nitrosodimethylamine	3.472	42	310	0.475	ng	# 93
6) bis(2-Chloroethyl)ether	7.069	93	312	0.416	ng	91
9) Naphthalene	10.468	128	821	0.420	ng	# 92
10) Hexachlorobutadiene	10.767	225	197	0.445	ng	# 97
12) 2-Methylnaphthalene	12.097	142	526	0.418	ng	# 91
16) Acenaphthylene	14.010	152	772	0.408	ng	98
17) Acenaphthene	14.352	154	527	0.428	ng	94
18) Fluorene	15.346	166	705	0.415	ng	99
20) 4,6-Dinitro-2-methylph...	15.432	198	81	0.395	ng	# 67
21) 4-Bromophenyl-phenylether	16.239	248	229	0.442	ng	96
22) Hexachlorobenzene	16.350	284	276	0.450	ng	99
23) Atrazine	16.512	200	253	0.499	ng	91
24) Pentachlorophenol	16.698	266	157	0.489	ng	# 91
25) Phenanthrene	17.070	178	1134	0.437	ng	96
26) Anthracene	17.170	178	1021	0.442	ng	99
28) Fluoranthene	19.100	202	1468	0.450	ng	99
30) Pyrene	19.467	202	1572	0.410	ng	98
32) Benzo(a)anthracene	21.215	228	1507	0.420	ng	97
33) Chrysene	21.269	228	1762	0.446	ng	98
34) Bis(2-ethylhexyl)phtha...	21.152	149	1203	0.452	ng	99
36) Indeno(1,2,3-cd)pyrene	25.675	276	3065	0.469	ng	96
37) Benzo(b)fluoranthene	22.784	252	1963	0.404	ng	96
38) Benzo(k)fluoranthene	22.830	252	2101m	0.429	ng	
39) Benzo(a)pyrene	23.351	252	1900	0.446	ng	# 94
40) Dibenzo(a,h)anthracene	25.693	278	2440	0.470	ng	97
41) Benzo(g,h,i)perylene	26.359	276	2713	0.463	ng	98

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

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