Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041425\
Data File : BN036899.D
Acq On : 14 Apr 2025 14:02
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Apr 14 17:35:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:32:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.633	152	1758	0.400	ng		0.00
7) Naphthalene-d8	10.415	136	4308	0.400	ng		0.00
13) Acenaphthene-d10	14.277	164	2368	0.400	ng		0.00
19) Phenanthrene-d10	17.033	188	4862	0.400	ng		0.00
29) Chrysene-d12	21.224	240	3423	0.400	ng		0.00
35) Perylene-d12	23.433	264	3030	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.228	112	815	0.196	ng		0.00
5) Phenol-d6	6.809	99	950	0.182	ng		0.00
8) Nitrobenzene-d5	8.781	82	890	0.183	ng		0.00
11) 2-Methylnaphthalene-d10	12.016	152	1206	0.192	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	210	0.185	ng		0.00
15) 2-Fluorobiphenyl	12.904	172	2314	0.202	ng		0.00
27) Fluoranthene-d10	19.063	212	2344	0.182	ng		0.00
31) Terphenyl-d14	19.672	244	1506	0.201	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.155	88	406m	0.198	ng		
3) n-Nitrosodimethylamine	3.473	42	913	0.197	ng	#	95
6) bis(2-Chloroethyl)ether	7.069	93	946	0.187	ng		100
9) Naphthalene	10.468	128	2420	0.193	ng		98
10) Hexachlorobutadiene	10.757	225	587	0.204	ng	#	100
12) 2-Methylnaphthalene	12.087	142	1467	0.184	ng		98
16) Acenaphthylene	13.999	152	2121	0.189	ng		100
17) Acenaphthene	14.341	154	1413	0.191	ng		100
18) Fluorene	15.336	166	1842	0.189	ng		99
20) 4,6-Dinitro-2-methylph...	15.421	198	199	0.150	ng	#	56
21) 4-Bromophenyl-phenylether	16.227	248	596	0.193	ng		96
22) Hexachlorobenzene	16.338	284	691	0.200	ng		97
23) Atrazine	16.500	200	451	0.176	ng	#	87
24) Pentachlorophenol	16.686	266	325	0.176	ng		97
25) Phenanthrene	17.071	178	2816	0.189	ng		99
26) Anthracene	17.158	178	2462	0.184	ng		98
28) Fluoranthene	19.096	202	3118	0.178	ng		99
30) Pyrene	19.458	202	3165	0.206	ng		99
32) Benzo(a)anthracene	21.207	228	2280	0.184	ng		97
33) Chrysene	21.260	228	2662	0.198	ng		98
34) Bis(2-ethylhexyl)phtha...	21.144	149	1283	0.179	ng		97
36) Indeno(1,2,3-cd)pyrene	25.655	276	2065	0.188	ng		98
37) Benzo(b)fluoranthene	22.772	252	2219	0.189	ng	#	83
38) Benzo(k)fluoranthene	22.813	252	2265	0.191	ng	#	86
39) Benzo(a)pyrene	23.339	252	1815	0.186	ng	#	86
40) Dibenzo(a,h)anthracene	25.678	278	1589	0.186	ng	#	85
41) Benzo(g,h,i)perylene	26.336	276	1834	0.195	ng	#	90

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

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