Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041425\
Data File : BN036901.D
Acq On : 14 Apr 2025 15:15
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Apr 14 17:36:53 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	1469	0.400	ng		0.00
7) Naphthalene-d8	10.415	136	3758	0.400	ng		0.00
13) Acenaphthene-d10	14.277	164	2072	0.400	ng		0.00
19) Phenanthrene-d10	17.021	188	4379	0.400	ng		#-0.01
29) Chrysene-d12	21.224	240	3653	0.400	ng		0.00
35) Perylene-d12	23.433	264	3591	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.228	112	2673	0.770	ng		0.00
5) Phenol-d6	6.809	99	3333	0.765	ng		0.00
8) Nitrobenzene-d5	8.781	82	3083	0.726	ng		0.00
11) 2-Methylnaphthalene-d10	12.011	152	4137	0.756	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	752	0.756	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	6934	0.693	ng		0.00
27) Fluoranthene-d10	19.063	212	8943	0.772	ng		0.00
31) Terphenyl-d14	19.667	244	6112	0.765	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.155	88	1350	0.787	ng		97
3) n-Nitrosodimethylamine	3.465	42	3096	0.798	ng	#	98
6) bis(2-Chloroethyl)ether	7.062	93	3254	0.770	ng		98
9) Naphthalene	10.468	128	8189	0.750	ng		97
10) Hexachlorobutadiene	10.756	225	1925	0.766	ng	#	99
12) 2-Methylnaphthalene	12.087	142	5251	0.756	ng		98
16) Acenaphthylene	13.999	152	7446	0.758	ng		99
17) Acenaphthene	14.341	154	4999	0.772	ng		98
18) Fluorene	15.336	166	6601	0.772	ng		100
20) 4,6-Dinitro-2-methylph...	15.421	198	894	0.749	ng	#	74
21) 4-Bromophenyl-phenylether	16.227	248	2124	0.766	ng		95
22) Hexachlorobenzene	16.338	284	2399	0.771	ng		98
23) Atrazine	16.500	200	1828	0.792	ng		96
24) Pentachlorophenol	16.686	266	1236	0.743	ng		98
25) Phenanthrene	17.071	178	10182	0.759	ng		100
26) Anthracene	17.157	178	9179	0.760	ng		99
28) Fluoranthene	19.096	202	12249	0.776	ng		100
30) Pyrene	19.458	202	12301	0.748	ng		99
32) Benzo(a)anthracene	21.206	228	10231	0.772	ng		99
33) Chrysene	21.260	228	11015	0.769	ng		100
34) Bis(2-ethylhexyl)phtha...	21.153	149	6003	0.785	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.652	276	10131	0.778	ng		98
37) Benzo(b)fluoranthene	22.769	252	10523	0.758	ng	#	93
38) Benzo(k)fluoranthene	22.813	252	10654	0.760	ng		93
39) Benzo(a)pyrene	23.336	252	8781	0.758	ng	#	86
40) Dibenzo(a,h)anthracene	25.666	278	7843	0.775	ng		93
41) Benzo(g,h,i)perylene	26.333	276	8625	0.772	ng		97

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

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