Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021125\
Data File : BN036430.D
Acq On : 11 Feb 2025 19:04
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 12 00:14:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.753	152	1914	0.400	ng		0.00
7) Naphthalene-d8	10.541	136	4763	0.400	ng		0.00
13) Acenaphthene-d10	14.388	164	3235	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	6938	0.400	ng		0.00
29) Chrysene-d12	21.322	240	6104	0.400	ng		0.00
35) Perylene-d12	23.592	264	6578	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	1761	0.389	ng		0.00
5) Phenol-d6	6.930	99	1987	0.374	ng		0.00
8) Nitrobenzene-d5	8.907	82	1784	0.380	ng		0.00
11) 2-Methylnaphthalene-d10	12.141	152	2833	0.387	ng		0.00
14) 2,4,6-Tribromophenol	15.883	330	538	0.335	ng		0.00
15) 2-Fluorobiphenyl	13.019	172	4445	0.365	ng		0.00
27) Fluoranthene-d10	19.169	212	7275	0.377	ng		0.00
31) Terphenyl-d14	19.768	244	5098	0.391	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	832	0.397	ng		99
3) n-Nitrosodimethylamine	3.579	42	1455	0.400	ng	#	94
6) bis(2-Chloroethyl)ether	7.176	93	2186	0.394	ng		97
9) Naphthalene	10.594	128	5302	0.386	ng		99
10) Hexachlorobutadiene	10.883	225	1357	0.406	ng	#	100
12) 2-Methylnaphthalene	12.212	142	3479	0.386	ng		98
16) Acenaphthylene	14.110	152	5197	0.364	ng		100
17) Acenaphthene	14.452	154	3570	0.374	ng		99
18) Fluorene	15.435	166	5039	0.371	ng		100
20) 4,6-Dinitro-2-methylph...	15.523	198	455	0.334	ng		89
21) 4-Bromophenyl-phenylether	16.329	248	1594	0.385	ng		96
22) Hexachlorobenzene	16.441	284	2047	0.400	ng		99
23) Atrazine	16.602	200	1237	0.358	ng	#	93
24) Pentachlorophenol	16.801	266	793	0.327	ng		99
25) Phenanthrene	17.173	178	7681	0.383	ng		100
26) Anthracene	17.273	178	6686	0.378	ng		99
28) Fluoranthene	19.197	202	9336	0.379	ng		99
30) Pyrene	19.564	202	9472	0.403	ng		99
32) Benzo(a)anthracene	21.304	228	8055	0.401	ng		98
33) Chrysene	21.358	228	8904	0.409	ng		99
34) Bis(2-ethylhexyl)phtha...	21.241	149	4465	0.357	ng		99
36) Indeno(1,2,3-cd)pyrene	25.893	276	9637	0.419	ng		99
37) Benzo(b)fluoranthene	22.908	252	8678	0.401	ng		97
38) Benzo(k)fluoranthene	22.952	252	9215	0.413	ng		99
39) Benzo(a)pyrene	23.493	252	7704	0.407	ng	#	95
40) Dibenzo(a,h)anthracene	25.914	278	7572	0.417	ng		98
41) Benzo(g,h,i)perylene	26.595	276	8597	0.418	ng		99

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

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