Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
Data File : BN028249.D
Acq On : 12 Oct 2023 01:39
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 12 04:08:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 04:03:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.914	152	2709	0.400	ng		0.00
7) Naphthalene-d8	10.735	136	9150	0.400	ng		0.00
13) Acenaphthene-d10	14.566	164	5900	0.400	ng		0.00
19) Phenanthrene-d10	17.319	188	13751	0.400	ng		0.00
29) Chrysene-d12	21.515	240	13575	0.400	ng		0.00
35) Perylene-d12	23.984	264	15061	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.452	112	3111	0.385	ng		-0.01
5) Phenol-d6	7.084	99	3899	0.382	ng		0.00
8) Nitrobenzene-d5	9.123	82	2880	0.370	ng		0.00
11) 2-Methylnaphthalene-d10	12.324	152	5445	0.402	ng		0.00
14) 2,4,6-Tribromophenol	16.077	330	997	0.369	ng		0.00
15) 2-Fluorobiphenyl	13.187	172	7896	0.371	ng		0.00
27) Fluoranthene-d10	19.356	212	14487	0.420	ng		0.00
31) Terphenyl-d14	19.941	244	11355	0.359	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.335	88	1399	0.460	ng		95
3) n-Nitrosodimethylamine	3.697	42	1510	0.434	ng		95
6) bis(2-Chloroethyl)ether	7.358	93	2956	0.360	ng		95
9) Naphthalene	10.789	128	9438	0.399	ng		98
10) Hexachlorobutadiene	11.002	225	1578	0.376	ng	#	99
12) 2-Methylnaphthalene	12.400	142	6733	0.407	ng		97
16) Acenaphthylene	14.288	152	10041	0.384	ng		100
17) Acenaphthene	14.630	154	6749	0.405	ng		99
18) Fluorene	15.618	166	9070	0.419	ng		100
20) 4,6-Dinitro-2-methylph...	16.785	198	80	0.438	ng		83
21) 4-Bromophenyl-phenylether	16.499	248	2735	0.381	ng		94
22) Hexachlorobenzene	16.586	284	2858	0.380	ng		97
23) Atrazine	16.785	200	2313	0.369	ng		98
24) Pentachlorophenol	16.971	266	1066	0.301	ng		96
25) Phenanthrene	17.368	178	14928	0.403	ng		100
26) Anthracene	17.455	178	13737	0.392	ng		99
28) Fluoranthene	19.388	202	18213	0.426	ng		100
30) Pyrene	19.755	202	19072	0.383	ng		99
32) Benzo(a)anthracene	21.497	228	18749	0.406	ng		99
33) Chrysene	21.551	228	19549	0.439	ng		98
34) Bis(2-ethylhexyl)phtha...	21.372	149	12604	0.415	ng		99
36) Indeno(1,2,3-cd)pyrene	26.580	276	22155	0.437	ng		99
37) Benzo(b)fluoranthene	23.221	252	19522	0.401	ng		99
38) Benzo(k)fluoranthene	23.271	252	19337	0.392	ng		98
39) Benzo(a)pyrene	23.876	252	18155	0.395	ng		96
40) Dibenzo(a,h)anthracene	26.595	278	17812	0.430	ng		97
41) Benzo(g,h,i)perylene	27.390	276	18775	0.441	ng		98

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

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