Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
Data File : BN028279.D
Acq On : 13 Oct 2023 15:52
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 13 17:28:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 02:17:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.886	152	2793	0.400	ng		0.00
7) Naphthalene-d8	10.714	136	9287	0.400	ng		0.00
13) Acenaphthene-d10	14.534	164	5761	0.400	ng		-0.01
19) Phenanthrene-d10	17.294	188	12885	0.400	ng		#-0.01
29) Chrysene-d12	21.498	240	13086	0.400	ng		# 0.00
35) Perylene-d12	23.952	264	15028	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.423	112	3095	0.357	ng		0.00
5) Phenol-d6	7.055	99	3892	0.364	ng		0.00
8) Nitrobenzene-d5	9.102	82	2897	0.352	ng		0.00
11) 2-Methylnaphthalene-d10	12.298	152	5554	0.398	ng		0.00
14) 2,4,6-Tribromophenol	16.053	330	877	0.312	ng		0.00
15) 2-Fluorobiphenyl	13.165	172	7980	0.394	ng		0.00
27) Fluoranthene-d10	19.333	212	13573	0.394	ng		0.00
31) Terphenyl-d14	19.923	244	10949	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.300	88	1297	0.384	ng		96
3) n-Nitrosodimethylamine	3.661	42	1451	0.394	ng		100
6) bis(2-Chloroethyl)ether	7.330	93	3004	0.365	ng		96
9) Naphthalene	10.757	128	9771	0.406	ng		100
10) Hexachlorobutadiene	10.970	225	1637	0.396	ng	#	100
12) 2-Methylnaphthalene	12.374	142	6896	0.403	ng		99
16) Acenaphthylene	14.266	152	9569	0.370	ng		99
17) Acenaphthene	14.598	154	6711	0.411	ng		99
18) Fluorene	15.593	166	8660	0.403	ng		100
20) 4,6-Dinitro-2-methylph...	15.742	198	235	0.440	ng	#	76
21) 4-Bromophenyl-phenylether	16.487	248	2621	0.395	ng		97
22) Hexachlorobenzene	16.562	284	2777	0.406	ng		99
23) Atrazine	16.760	200	2261	0.363	ng		99
24) Pentachlorophenol	16.959	266	942	0.302	ng		95
25) Phenanthrene	17.344	178	14191	0.402	ng		100
26) Anthracene	17.443	178	12715	0.377	ng		99
28) Fluoranthene	19.365	202	17202	0.388	ng		99
30) Pyrene	19.732	202	17884	0.399	ng		100
32) Benzo(a)anthracene	21.480	228	17989	0.387	ng		98
33) Chrysene	21.533	228	18722	0.421	ng		97
34) Bis(2-ethylhexyl)phtha...	21.354	149	12208	0.344	ng		100
36) Indeno(1,2,3-cd)pyrene	26.522	276	23357	0.386	ng		99
37) Benzo(b)fluoranthene	23.192	252	18387	0.391	ng		98
38) Benzo(k)fluoranthene	23.238	252	19311	0.404	ng		97
39) Benzo(a)pyrene	23.841	252	18089	0.387	ng		97
40) Dibenzo(a,h)anthracene	26.542	278	18893	0.384	ng		96
41) Benzo(g,h,i)perylene	27.332	276	19887	0.392	ng		98

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

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