Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028229.D
Acq On : 11 Oct 2023 11:22
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 12:32:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	4170	0.400	ng		0.00
7) Naphthalene-d8	10.735	136	13082	0.400	ng		0.00
13) Acenaphthene-d10	14.566	164	7001	0.400	ng		0.00
19) Phenanthrene-d10	17.331	188	14101	0.400	ng	#	0.01
29) Chrysene-d12	21.524	240	12244	0.400	ng	#	0.00
35) Perylene-d12	23.990	264	14645	0.400	ng	#	0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.466	112	4998	0.402	ng		0.00
5) Phenol-d6	7.091	99	6102	0.389	ng		0.00
8) Nitrobenzene-d5	9.123	82	4222	0.379	ng		0.00
11) 2-Methylnaphthalene-d10	12.321	152	7439	0.384	ng		0.00
14) 2,4,6-Tribromophenol	16.078	330	1298	0.405	ng		0.00
15) 2-Fluorobiphenyl	13.187	172	9877	0.391	ng		0.00
27) Fluoranthene-d10	19.360	212	14784	0.417	ng		0.00
31) Terphenyl-d14	19.946	244	11220	0.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.357	88	2030	0.434	ng		98
3) n-Nitrosodimethylamine	3.711	42	2157	0.403	ng	#	96
6) bis(2-Chloroethyl)ether	7.358	93	4982	0.394	ng		98
9) Naphthalene	10.789	128	13545	0.401	ng		100
10) Hexachlorobutadiene	11.002	225	2398	0.400	ng	#	100
12) 2-Methylnaphthalene	12.396	142	9614	0.407	ng		98
16) Acenaphthylene	14.298	152	35831	1.155	ng		99
17) Acenaphthene	14.630	154	10374	0.525	ng		98
18) Fluorene	15.618	166	13155	0.512	ng		89
20) 4,6-Dinitro-2-methylph...	16.785	198	73	0.389	ng	#	63
21) 4-Bromophenyl-phenylether	16.500	248	2978	0.405	ng		95
22) Hexachlorobenzene	16.599	284	3136	0.407	ng		98
23) Atrazine	16.785	200	2785	0.434	ng		95
24) Pentachlorophenol	16.971	266	1310	0.361	ng		96
25) Phenanthrene	17.368	178	19838m	0.522	ng		
26) Anthracene	17.455	178	16234	0.452	ng		99
28) Fluoranthene	19.388	202	22235m	0.507	ng		
30) Pyrene	19.755	202	22977	0.512	ng		97
32) Benzo(a)anthracene	21.507	228	21144	0.507	ng	#	74
33) Chrysene	21.560	228	19873	0.495	ng	#	81
34) Bis(2-ethylhexyl)phtha...	21.372	149	14793	0.540	ng	#	95
36) Indeno(1,2,3-cd)pyrene	26.589	276	22339	0.453	ng		99
37) Benzo(b)fluoranthene	23.224	252	20328	0.430	ng	#	61
38) Benzo(k)fluoranthene	23.274	252	19185	0.400	ng	#	62
39) Benzo(a)pyrene	23.879	252	19772	0.442	ng	#	60
40) Dibenzo(a,h)anthracene	26.604	278	17736	0.440	ng	#	64
41) Benzo(g,h,i)perylene	27.402	276	18712	0.452	ng	#	73

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

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