Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
Data File : BN028260.D
Acq On : 12 Oct 2023 08:51
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

Quant Time: Oct 12 09:18:09 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 06:39:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.914	152	2760	0.400	ng		0.00
7) Naphthalene-d8	10.735	136	9482	0.400	ng		0.00
13) Acenaphthene-d10	14.566	164	5641	0.400	ng		0.00
19) Phenanthrene-d10	17.319	188	12925	0.400	ng		0.00
29) Chrysene-d12	21.524	240	12247	0.400	ng		0.00
35) Perylene-d12	23.993	264	12646	0.400	ng		# 0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.452	112	3114	0.378	ng		-0.01
5) Phenol-d6	7.084	99	4336	0.417	ng		0.00
8) Nitrobenzene-d5	9.112	82	3079	0.382	ng		-0.01
11) 2-Methylnaphthalene-d10	12.317	152	5560	0.396	ng		0.00
14) 2,4,6-Tribromophenol	16.065	330	1104	0.427	ng		-0.01
15) 2-Fluorobiphenyl	13.187	172	7548	0.371	ng		0.00
27) Fluoranthene-d10	19.356	212	13998	0.431	ng		0.00
31) Terphenyl-d14	19.946	244	11079	0.388	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.336	88	1190	0.384	ng		97
3) n-Nitrosodimethylamine	3.689	42	1364	0.385	ng	#	95
6) bis(2-Chloroethyl)ether	7.351	93	3165	0.378	ng		100
9) Naphthalene	10.778	128	9789	0.400	ng		98
10) Hexachlorobutadiene	11.002	225	1685	0.387	ng	#	100
12) 2-Methylnaphthalene	12.392	142	7018	0.409	ng		98
16) Acenaphthylene	14.288	152	30269	1.211	ng		99
17) Acenaphthene	14.630	154	9005	0.565	ng		97
18) Fluorene	15.606	166	10921	0.528	ng		88
20) 4,6-Dinitro-2-methylph...	16.773	198	69m	0.402	ng		
21) 4-Bromophenyl-phenylether	16.499	248	2616	0.388	ng		94
22) Hexachlorobenzene	16.599	284	2828	0.400	ng		99
23) Atrazine	16.773	200	2252	0.383	ng		94
24) Pentachlorophenol	16.971	266	1069	0.321	ng		91
25) Phenanthrene	17.368	178	15067	0.432	ng		97
26) Anthracene	17.455	178	14483	0.440	ng		99
28) Fluoranthene	19.388	202	19337	0.481	ng		100
30) Pyrene	19.755	202	21120	0.470	ng		98
32) Benzo(a)anthracene	21.506	228	18902	0.454	ng	#	80
33) Chrysene	21.560	228	17112	0.426	ng	#	84
34) Bis(2-ethylhexyl)phtha...	21.372	149	15272	0.557	ng		97
36) Indeno(1,2,3-cd)pyrene	26.595	276	18652	0.438	ng		96
37) Benzo(b)fluoranthene	23.230	252	16620	0.407	ng	#	73
38) Benzo(k)fluoranthene	23.276	252	16318	0.394	ng	#	77
39) Benzo(a)pyrene	23.885	252	16503	0.427	ng	#	75
40) Dibenzo(a,h)anthracene	26.609	278	15024	0.432	ng	#	77
41) Benzo(g,h,i)perylene	27.408	276	16085	0.450	ng	#	83

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

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