Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028382.D
Acq On : 24 Oct 2023 17:32
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 25 01:06:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.871	152	4955	0.400	ng		0.00
7) Naphthalene-d8	10.682	136	16812	0.400	ng		#-0.02
13) Acenaphthene-d10	14.523	164	8002	0.400	ng		-0.01
19) Phenanthrene-d10	17.281	188	12796	0.400	ng		#-0.01
29) Chrysene-d12	21.479	240	10052	0.400	ng		# 0.00
35) Perylene-d12	23.934	264	11453	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.415	112	5126	0.333	ng		-0.01
5) Phenol-d6	7.040	99	6956	0.367	ng		-0.01
8) Nitrobenzene-d5	9.080	82	5697	0.382	ng		-0.02
11) 2-Methylnaphthalene-d10	12.275	152	9431	0.373	ng		-0.02
14) 2,4,6-Tribromophenol	16.040	330	1072	0.275	ng		-0.02
15) 2-Fluorobiphenyl	13.144	172	12428	0.441	ng		-0.02
27) Fluoranthene-d10	19.318	212	11919	0.348	ng		0.00
31) Terphenyl-d14	19.908	244	8959	0.420	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.292	88	1993	0.333	ng		98
3) n-Nitrosodimethylamine	3.653	42	2507	0.383	ng	#	96
6) bis(2-Chloroethyl)ether	7.315	93	5811	0.398	ng		99
9) Naphthalene	10.735	128	17338	0.398	ng		99
10) Hexachlorobutadiene	10.949	225	3006	0.402	ng	#	99
12) 2-Methylnaphthalene	12.347	142	11134	0.359	ng		98
16) Acenaphthylene	14.256	152	20659	0.575	ng		100
17) Acenaphthene	14.587	154	9560	0.422	ng		99
18) Fluorene	15.568	166	11906	0.399	ng		94
20) 4,6-Dinitro-2-methylph...	15.730	198	13	0.195	ng	#	1
21) 4-Bromophenyl-phenylether	16.462	248	3019	0.458	ng	#	77
22) Hexachlorobenzene	16.549	284	2927	0.431	ng		100
23) Atrazine	16.748	200	2569	0.416	ng		97
24) Pentachlorophenol	16.934	266	907m	0.293	ng		
25) Phenanthrene	17.331	178	14806	0.423	ng		99
26) Anthracene	17.418	178	13905	0.416	ng		100
28) Fluoranthene	19.351	202	15327m	0.348	ng		
30) Pyrene	19.718	202	15574	0.453	ng		98
32) Benzo(a)anthracene	21.471	228	14611	0.409	ng		94
33) Chrysene	21.524	228	13987	0.409	ng		95
34) Bis(2-ethylhexyl)phtha...	21.336	149	10817	0.397	ng		96
36) Indeno(1,2,3-cd)pyrene	26.498	276	17203	0.373	ng		100
37) Benzo(b)fluoranthene	23.174	252	14115	0.394	ng	#	89
38) Benzo(k)fluoranthene	23.224	252	14501	0.398	ng	#	90
39) Benzo(a)pyrene	23.823	252	14707	0.413	ng	#	86
40) Dibenzo(a,h)anthracene	26.510	278	14123	0.377	ng		93
41) Benzo(g,h,i)perylene	27.296	276	14518	0.375	ng		94

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

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