Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029056.D
Acq On : 06 Dec 2023 15:25
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 06 16:23:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.768	152	1028	0.400	ng		0.00
7) Naphthalene-d8	10.552	136	2118	0.400	ng		#-0.01
13) Acenaphthene-d10	14.396	164	1722	0.400	ng		0.00
19) Phenanthrene-d10	17.146	188	4444	0.400	ng		0.00
29) Chrysene-d12	21.356	240	3034	0.400	ng		0.00
35) Perylene-d12	23.675	264	2653	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	826	0.355	ng		0.00
5) Phenol-d6	6.981	99	986	0.355	ng		0.00
8) Nitrobenzene-d5	8.939	82	839	0.328	ng		0.00
11) 2-Methylnaphthalene-d10	12.144	152	1529	0.344	ng		0.00
14) 2,4,6-Tribromophenol	15.893	330	631	0.332	ng		0.00
15) 2-Fluorobiphenyl	13.028	172	3201	0.359	ng		0.00
27) Fluoranthene-d10	19.185	212	4848	0.347	ng		0.00
31) Terphenyl-d14	19.794	244	2917	0.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.341	88	254	0.307	ng		92
3) n-Nitrosodimethylamine	3.723	42	213m	0.424	ng		
6) bis(2-Chloroethyl)ether	7.233	93	666	0.339	ng		96
9) Naphthalene	10.605	128	2373	0.359	ng		99
10) Hexachlorobutadiene	10.872	225	1065	0.365	ng	#	99
12) 2-Methylnaphthalene	12.216	142	1887	0.351	ng		97
16) Acenaphthylene	14.118	152	3356	0.354	ng		100
17) Acenaphthene	14.460	154	2191	0.368	ng		98
18) Fluorene	15.444	166	3422	0.361	ng		100
20) 4,6-Dinitro-2-methylph...	15.545	198	524	0.391	ng		95
21) 4-Bromophenyl-phenylether	16.352	248	1492	0.371	ng		98
22) Hexachlorobenzene	16.439	284	1699	0.372	ng		98
23) Atrazine	16.638	200	1252	0.353	ng		97
24) Pentachlorophenol	16.799	266	931	0.372	ng		96
25) Phenanthrene	17.184	178	5315	0.358	ng		98
26) Anthracene	17.283	178	5075	0.354	ng		98
28) Fluoranthene	19.213	202	7289	0.357	ng		99
30) Pyrene	19.580	202	7319	0.389	ng		100
32) Benzo(a)anthracene	21.338	228	5620	0.365	ng		99
33) Chrysene	21.392	228	5628	0.372	ng		99
34) Bis(2-ethylhexyl)phtha...	21.275	149	3211	0.338	ng		99
36) Indeno(1,2,3-cd)pyrene	26.049	276	5162	0.382	ng	#	95
37) Benzo(b)fluoranthene	22.971	252	5279	0.371	ng		95
38) Benzo(k)fluoranthene	23.015	252	5053	0.378	ng	#	91
39) Benzo(a)pyrene	23.570	252	4391	0.373	ng		94
40) Dibenzo(a,h)anthracene	26.082	278	3952	0.379	ng		95
41) Benzo(g,h,i)perylene	26.775	276	4439	0.389	ng	#	96

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

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