Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027314.D
Acq On : 31 Aug 2023 17:35
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

Quant Time: Sep 01 03:57:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.066	152	4557	0.400	ng		0.00
7) Naphthalene-d8	10.885	136	12739	0.400	ng		-0.01
13) Acenaphthene-d10	14.694	164	7788	0.400	ng		0.00
19) Phenanthrene-d10	17.443	188	18560	0.400	ng	#	0.00
29) Chrysene-d12	21.614	240	15219	0.400	ng		0.00
35) Perylene-d12	24.142	264	13415	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.582	112	4593	0.387	ng		0.00
5) Phenol-d6	7.199	99	5681	0.393	ng		0.00
8) Nitrobenzene-d5	9.251	82	3914	0.422	ng		-0.01
11) 2-Methylnaphthalene-d10	12.460	152	7584	0.405	ng		-0.01
14) 2,4,6-Tribromophenol	16.189	330	1054	0.366	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	12116	0.409	ng		0.00
27) Fluoranthene-d10	19.462	212	18111	0.393	ng		0.00
31) Terphenyl-d14	20.048	244	11628	0.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	2528	0.454	ng		97
3) n-Nitrosodimethylamine	3.805	42	2637	0.447	ng		92
6) bis(2-Chloroethyl)ether	7.495	93	5840	0.418	ng		98
9) Naphthalene	10.938	128	14078	0.405	ng		99
10) Hexachlorobutadiene	11.173	225	2691	0.415	ng	#	99
12) 2-Methylnaphthalene	12.536	142	10242	0.415	ng		99
16) Acenaphthylene	14.416	152	14004	0.395	ng		99
17) Acenaphthene	14.758	154	9769	0.413	ng		98
18) Fluorene	15.730	166	13439	0.426	ng		100
20) 4,6-Dinitro-2-methylph...	16.884	198	106	0.401	ng		88
21) 4-Bromophenyl-phenylether	16.623	248	3800	0.388	ng	#	83
22) Hexachlorobenzene	16.710	284	4830	0.416	ng		98
23) Atrazine	16.884	200	2723	0.372	ng	#	93
24) Pentachlorophenol	17.070	266	1463	0.328	ng		98
25) Phenanthrene	17.480	178	22549	0.413	ng		100
26) Anthracene	17.579	178	17799	0.384	ng		100
28) Fluoranthene	19.490	202	25878	0.403	ng		99
30) Pyrene	19.857	202	25969	0.429	ng		100
32) Benzo(a)anthracene	21.596	228	20724	0.397	ng		100
33) Chrysene	21.650	228	23757	0.414	ng		99
34) Bis(2-ethylhexyl)phtha...	21.471	149	9698	0.385	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.823	276	19027	0.349	ng		99
37) Benzo(b)fluoranthene	23.355	252	21900	0.422	ng		100
38) Benzo(k)fluoranthene	23.408	252	22261m	0.417	ng		
39) Benzo(a)pyrene	24.028	252	18664	0.385	ng		99
40) Dibenzo(a,h)anthracene	26.843	278	15080	0.353	ng		97
41) Benzo(g,h,i)perylene	27.647	276	18381	0.371	ng		98

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

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