Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
Data File : BN034882.D
Acq On : 06 Nov 2024 20:28
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 07 00:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	5204	0.400	ng		-0.01
7) Naphthalene-d8	10.340	136	14604	0.400	ng		-0.01
13) Acenaphthene-d10	14.208	164	6546	0.400	ng		-0.01
19) Phenanthrene-d10	16.952	188	12458	0.400	ng		#-0.02
29) Chrysene-d12	21.149	240	7818	0.400	ng		#-0.01
35) Perylene-d12	23.315	264	6547	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	5414	0.343	ng		-0.01
5) Phenol-d6	6.759	99	7023	0.343	ng		0.00
8) Nitrobenzene-d5	8.707	82	4185	0.365	ng		-0.02
11) 2-Methylnaphthalene-d10	11.939	152	7058	0.334	ng		-0.01
14) 2,4,6-Tribromophenol	15.698	330	681m	0.211	ng		-0.02
15) 2-Fluorobiphenyl	12.829	172	10188	0.395	ng		-0.01
27) Fluoranthene-d10	18.990	212	10396	0.356	ng		-0.01
31) Terphenyl-d14	19.598	244	5500	0.328	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.191	88	2691	0.472	ng		96
3) n-Nitrosodimethylamine	3.487	42	3474	0.540	ng	#	78
6) bis(2-Chloroethyl)ether	7.012	93	6107	0.408	ng		94
9) Naphthalene	10.394	128	15033	0.372	ng		99
10) Hexachlorobutadiene	10.682	225	2492	0.375	ng	#	99
12) 2-Methylnaphthalene	12.011	142	8844	0.335	ng		98
16) Acenaphthylene	13.919	152	10839	0.330	ng		100
17) Acenaphthene	14.272	154	7704	0.352	ng		94
18) Fluorene	15.266	166	9497	0.348	ng		98
20) 4,6-Dinitro-2-methylph...	15.341	198	381	0.340	ng	#	47
21) 4-Bromophenyl-phenylether	16.158	248	2434	0.338	ng	#	92
22) Hexachlorobenzene	16.269	284	3073	0.381	ng		91
23) Atrazine	16.431	200	1720	0.277	ng	#	95
24) Pentachlorophenol	16.604	266	722m	0.208	ng		
25) Phenanthrene	16.989	178	14407	0.393	ng		99
26) Anthracene	17.088	178	11960	0.349	ng		100
28) Fluoranthene	19.018	202	14768	0.366	ng		98
30) Pyrene	19.380	202	14710	0.360	ng		100
32) Benzo(a)anthracene	21.131	228	11148	0.358	ng		99
33) Chrysene	21.185	228	12254	0.402	ng		99
34) Bis(2-ethylhexyl)phtha...	21.086	149	5672	0.218	ng		95
36) Indeno(1,2,3-cd)pyrene	25.473	276	11565	0.480	ng	#	92
37) Benzo(b)fluoranthene	22.669	252	11644	0.442	ng	#	95
38) Benzo(k)fluoranthene	22.710	252	11333m	0.441	ng		
39) Benzo(a)pyrene	23.219	252	8660	0.398	ng	#	91
40) Dibenzo(a,h)anthracene	25.488	278	9031	0.481	ng		97
41) Benzo(g,h,i)perylene	26.125	276	10387	0.512	ng		93

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

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