Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026874.D
Acq On : 10 Aug 2023 09:20
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

Quant Time: Aug 11 01:49:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 01:48:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	8748	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	22558	0.400	ng		0.00
13) Acenaphthene-d10	14.737	164	16515	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	39027	0.400	ng		0.00
29) Chrysene-d12	21.659	240	34907	0.400	ng		0.00
35) Perylene-d12	24.215	264	40334	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	9406	0.425	ng		0.00
5) Phenol-d6	7.235	99	11567	0.403	ng		0.00
8) Nitrobenzene-d5	9.294	82	7877	0.590	ng		0.00
11) 2-Methylnaphthalene-d10	12.509	152	14243	0.440	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	3278	0.583	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	23576	0.350	ng		0.00
27) Fluoranthene-d10	19.500	212	38846	0.415	ng		0.00
31) Terphenyl-d14	20.090	244	27823	0.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	3512	0.344	ng		100
3) n-Nitrosodimethylamine	3.826	42	4045	0.355	ng		99
6) bis(2-Chloroethyl)ether	7.532	93	10052	0.389	ng		100
9) Naphthalene	10.991	128	22883	0.369	ng		100
10) Hexachlorobutadiene	11.226	225	4890	0.435	ng	#	100
12) 2-Methylnaphthalene	12.581	142	18531	0.438	ng		100
16) Acenaphthylene	14.459	152	31217	0.382	ng		100
17) Acenaphthene	14.801	154	19082	0.373	ng		100
18) Fluorene	15.779	166	26151	0.392	ng		100
20) 4,6-Dinitro-2-methylph...	16.921	198	254	0.402	ng		100
21) 4-Bromophenyl-phenylether	16.673	248	8725	0.370	ng		100
22) Hexachlorobenzene	16.748	284	9368	0.347	ng		100
23) Atrazine	16.934	200	7889	0.506	ng		100
24) Pentachlorophenol	17.108	266	4471	0.646	ng		100
25) Phenanthrene	17.517	178	43724	0.369	ng		100
26) Anthracene	17.616	178	40523	0.383	ng		100
28) Fluoranthene	19.532	202	51337	0.389	ng		100
30) Pyrene	19.894	202	53096	0.352	ng		100
32) Benzo(a)anthracene	21.641	228	49712	0.415	ng		100
33) Chrysene	21.694	228	50789	0.383	ng		100
34) Bis(2-ethylhexyl)phtha...	21.533	149	36807	0.927	ng		100
36) Indeno(1,2,3-cd)pyrene	26.910	276	64073	0.389	ng		100
37) Benzo(b)fluoranthene	23.420	252	50685	0.319	ng		100
38) Benzo(k)fluoranthene	23.475	252	54253m	0.333	ng		
39) Benzo(a)pyrene	24.095	252	51223	0.354	ng		100
40) Dibenzo(a,h)anthracene	26.948	278	51341	0.402	ng		100
41) Benzo(g,h,i)perylene	27.752	276	55524	0.367	ng		100

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

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