Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
Data File : BN025539.D
Acq On : 22 May 2023 15:30
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

Quant Time: May 22 16:34:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 22 16:31:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.070	152	3754	0.400	ng		0.00
7) Naphthalene-d8	10.889	136	10572	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	6283	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	14465	0.400	ng		0.00
29) Chrysene-d12	21.616	240	11115	0.400	ng		0.00
35) Perylene-d12	24.135	264	10795	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.607	112	4208	0.497	ng		0.00
5) Phenol-d6	7.210	99	5292	0.487	ng		0.00
8) Nitrobenzene-d5	9.234	82	4048	0.480	ng		0.00
11) 2-Methylnaphthalene-d10	12.464	152	6314	0.430	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	1110	0.453	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	11372	0.473	ng		0.00
27) Fluoranthene-d10	19.460	212	13795	0.413	ng		0.00
31) Terphenyl-d14	20.049	244	9783	0.495	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	1866	0.487	ng		100
3) n-Nitrosodimethylamine	3.787	42	1929	0.457	ng		100
6) bis(2-Chloroethyl)ether	7.485	93	4746	0.449	ng		100
9) Naphthalene	10.942	128	12047	0.448	ng		100
10) Hexachlorobutadiene	11.230	225	2149	0.421	ng	#	100
12) 2-Methylnaphthalene	12.540	142	8429	0.433	ng		100
16) Acenaphthylene	14.416	152	12332	0.430	ng		100
17) Acenaphthene	14.758	154	8646	0.457	ng		100
18) Fluorene	15.734	166	10873	0.465	ng		100
20) 4,6-Dinitro-2-methylph...	15.809	198	1462	0.486	ng		100
21) 4-Bromophenyl-phenylether	16.628	248	3518	0.413	ng		100
22) Hexachlorobenzene	16.740	284	3129	0.393	ng		100
23) Atrazine	16.889	200	3012	0.435	ng		100
24) Pentachlorophenol	17.087	266	1648	0.411	ng		100
25) Phenanthrene	17.472	178	18475	0.436	ng		100
26) Anthracene	17.571	178	16760	0.423	ng		100
28) Fluoranthene	19.490	202	20472	0.425	ng		100
30) Pyrene	19.852	202	20542	0.463	ng		100
32) Benzo(a)anthracene	21.598	228	17670	0.439	ng		100
33) Chrysene	21.652	228	18764	0.470	ng		100
34) Bis(2-ethylhexyl)phtha...	21.517	149	10665	0.450	ng		100
36) Indeno(1,2,3-cd)pyrene	26.769	276	19714	0.451	ng		100
37) Benzo(b)fluoranthene	23.357	252	17543	0.438	ng		100
38) Benzo(k)fluoranthene	23.410	252	17985m	0.439	ng		
39) Benzo(a)pyrene	24.018	252	15893	0.421	ng		100
40) Dibenzo(a,h)anthracene	26.793	278	16034	0.458	ng		100
41) Benzo(g,h,i)perylene	27.573	276	16948	0.459	ng		100

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

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