Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025608.D
Acq On : 26 May 2023 14:42
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 27 03:46:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 27 03:40:27 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.027	152	5904	0.400	ng		0.00
7) Naphthalene-d8	10.846	136	16470	0.400	ng		0.00
13) Acenaphthene-d10	14.651	164	9877	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	20820	0.400	ng		0.00
29) Chrysene-d12	21.578	240	14942	0.400	ng		0.00
35) Perylene-d12	24.072	264	13195	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.557	112	19528	1.291	ng		0.00
5) Phenol-d6	7.167	99	24268	1.338	ng		0.00
8) Nitrobenzene-d5	9.191	82	19351	1.403	ng		0.00
11) 2-Methylnaphthalene-d10	12.423	152	33374	1.420	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	3568	1.787	ng		0.00
15) 2-Fluorobiphenyl	13.283	172	56474	1.385	ng		0.00
27) Fluoranthene-d10	19.426	212	66033	1.400	ng		0.00
31) Terphenyl-d14	20.016	244	43974	1.344	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	9371	1.371	ng		97
3) n-Nitrosodimethylamine	3.729	42	10866	1.476	ng	#	86
6) bis(2-Chloroethyl)ether	7.434	93	24603	1.312	ng		92
9) Naphthalene	10.889	128	62756	1.393	ng		99
10) Hexachlorobutadiene	11.177	225	10726	1.373	ng	#	97
12) 2-Methylnaphthalene	12.495	142	44362	1.432	ng		99
16) Acenaphthylene	14.373	152	65750	1.410	ng		99
17) Acenaphthene	14.715	154	42336	1.379	ng		100
18) Fluorene	15.693	166	57250	1.410	ng		99
20) 4,6-Dinitro-2-methylph...	15.780	198	4917	1.528	ng	#	32
21) 4-Bromophenyl-phenylether	16.586	248	16753	1.417	ng		94
22) Hexachlorobenzene	16.711	284	14774	1.368	ng		99
23) Atrazine	16.847	200	13247	1.405	ng		95
24) Pentachlorophenol	17.071	266	2494m	1.521	ng		
25) Phenanthrene	17.443	178	89337	1.410	ng		99
26) Anthracene	17.530	178	82222	1.435	ng		99
28) Fluoranthene	19.453	202	98105	1.420	ng		99
30) Pyrene	19.816	202	99305	1.365	ng		99
32) Benzo(a)anthracene	21.560	228	78678	1.414	ng		98
33) Chrysene	21.614	228	84828	1.405	ng		98
34) Bis(2-ethylhexyl)phtha...	21.480	149	45523	1.343	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.668	276	70486	1.393	ng	#	61
37) Benzo(b)fluoranthene	23.306	252	72920	1.452	ng	#	87
38) Benzo(k)fluoranthene	23.355	252	75254	1.436	ng	#	87
39) Benzo(a)pyrene	23.958	252	69168	1.441	ng	#	82
40) Dibenzo(a,h)anthracene	26.703	278	55748	1.386	ng	#	87
41) Benzo(g,h,i)perylene	27.475	276	62346	1.363	ng		95

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

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