Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060921\
Data File : BN014853.D
Acq On : 09 Jun 2021 14:35
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Manual Integrations APPROVED
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6/11/2021 1:27:14 PM

Quant Time: Jun 09 15:03:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 14:30:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.708	152	2587	0.40	ng		0.00
7) Naphthalene-d8	10.483	136	9252	0.40	ng		0.00
13) Acenaphthene-d10	14.346	164	6102	0.40	ng		0.00
19) Phenanthrene-d10	17.103	188	12808	0.40	ng		# 0.01
29) Chrysene-d12	21.302	240	16310	0.40	ng		0.00
35) Perylene-d12	23.560	264	15987	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	31853	3.78	ng		0.00
5) Phenol-d6	6.887	99	38764	3.52	ng		0.00
8) Nitrobenzene-d5	8.848	82	43200	5.02	ng		-0.01
11) 2-Methylnaphthalene-d10	12.079	152	82368	4.72	ng		0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.00	ng		
15) 2-Fluorobiphenyl	12.963	172	110145	4.76	ng		0.00
27) Fluoranthene-d10	19.138	212	220587	5.19	ng		0.00
31) Terphenyl-d14	19.744	244	191776	4.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.282	88	3678	7.65	ng		95
3) n-Nitrosodimethylamine	3.641	42	5374m	6.99	ng		
6) bis(2-Chloroethyl)ether	7.145	93	30437	3.63	ng		97
9) Naphthalene	10.534	128	118993	4.66	ng		98
10) Hexachlorobutadiene	10.826	225	34385	5.05	ng	#	98
12) 2-Methylnaphthalene	12.155	142	84907	4.81	ng		99
16) Acenaphthylene	14.066	152	130263	5.13	ng		100
17) Acenaphthene	14.409	154	83673	4.83	ng		98
18) Fluorene	15.399	166	104327	4.79	ng		99
20) 4,6-Dinitro-2-methylph...	15.475	198	7819	5.01	ng	#	41
21) 4-Bromophenyl-phenylether	16.288	248	46171	5.12	ng	#	60
22) Hexachlorobenzene	16.410	284	48067	5.03	ng		100
24) Pentachlorophenol	16.750	266	18339	6.29	ng		100
25) Phenanthrene	17.140	178	175719	4.89	ng		99
26) Anthracene	17.225	178	170475	5.40	ng		99
28) Fluoranthene	19.168	202	227362	5.21	ng		100
30) Pyrene	19.530	202	231479	4.79	ng		99
32) Benzo(a)anthracene	21.281	228	253713	5.36	ng		99
33) Chrysene	21.334	228	252837	4.82	ng		99
36) Indeno(1,2,3-cd)pyrene	25.833	276	295378	4.91	ng		99
37) Benzo(b)fluoranthene	22.883	252	274244	5.29	ng	#	97
38) Benzo(k)fluoranthene	22.927	252	284227	4.69	ng		96
39) Benzo(a)pyrene	23.461	252	252031	4.96	ng	#	94
40) Dibenzo(a,h)anthracene	25.850	278	240006	5.03	ng	#	94
41) Benzo(g,h,i)perylene	26.528	276	258288	4.81	ng		98

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

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