Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060921\
Data File : BN014858.D
Acq On : 09 Jun 2021 18:37
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
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6/11/2021 1:27:20 PM

Quant Time: Jun 09 19:06:11 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 16:35:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	2813	0.40	ng		0.00
7) Naphthalene-d8	10.496	136	11558	0.40	ng		# 0.01
13) Acenaphthene-d10	14.345	164	7623	0.40	ng		0.00
19) Phenanthrene-d10	17.103	188	16042	0.40	ng		# 0.01
29) Chrysene-d12	21.302	240	20063	0.40	ng		0.00
35) Perylene-d12	23.564	264	20552	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.329	112	3606	0.47	ng		0.00
5) Phenol-d6	6.887	99	4306	0.49	ng		0.00
8) Nitrobenzene-d5	8.861	82	3803	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.088	152	8281	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.842	330	1589	0.50	ng		0.00
15) 2-Fluorobiphenyl	12.975	172	11274	0.39	ng		0.01
27) Fluoranthene-d10	19.143	212	21596	0.39	ng		0.00
31) Terphenyl-d14	19.744	244	19212	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.282	88	335	0.41	ng		96
3) n-Nitrosodimethylamine	3.687	42	315	0.47	ng	#	85
6) bis(2-Chloroethyl)ether	7.145	93	2763	0.41	ng		98
9) Naphthalene	10.534	128	12489	0.39	ng		99
10) Hexachlorobutadiene	10.838	225	3553	0.39	ng	#	98
12) 2-Methylnaphthalene	12.159	142	8783	0.39	ng		99
16) Acenaphthylene	14.066	152	12560	0.40	ng		100
17) Acenaphthene	14.409	154	8436	0.39	ng		99
18) Fluorene	15.398	166	10873	0.40	ng		99
20) 4,6-Dinitro-2-methylph...	15.487	198	244	0.42	ng		87
21) 4-Bromophenyl-phenylether	16.300	248	4433	0.39	ng	#	90
22) Hexachlorobenzene	16.410	284	4899	0.38	ng		99
23) Atrazine	16.568	200	2826	0.46	ng		96
24) Pentachlorophenol	16.762	266	1046	0.54	ng		98
25) Phenanthrene	17.140	178	17820	0.39	ng		99
26) Anthracene	17.237	178	16027	0.40	ng		99
28) Fluoranthene	19.168	202	23335	0.40	ng		100
30) Pyrene	19.535	202	23701	0.40	ng		100
32) Benzo(a)anthracene	21.292	228	23950	0.42	ng		97
33) Chrysene	21.345	228	26068	0.39	ng		98
34) Bis(2-ethylhexyl)phtha...	21.228	149	11711	0.66	ng		98
36) Indeno(1,2,3-cd)pyrene	25.836	276	25227	0.42	ng		99
37) Benzo(b)fluoranthene	22.883	252	26551m	0.40	ng		
38) Benzo(k)fluoranthene	22.927	252	29806	0.38	ng		99
39) Benzo(a)pyrene	23.461	252	25097	0.40	ng	#	77
40) Dibenzo(a,h)anthracene	25.854	278	19561	0.43	ng		97
41) Benzo(g,h,i)perylene	26.528	276	22661	0.38	ng		100

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

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