Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
Data File : BN010245.D
Acq On : 17 Mar 2020 18:24
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
3/18/2020 4:01:40 PM

Quant Time: Mar 17 19:03:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3672	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	12758	0.40	ng		0.00
13) Acenaphthene-d10	14.25	164	7772	0.40	ng		-0.01
19) Phenanthrene-d10	17.00	188	18253	0.40	ng		0.00
27) Chrysene-d12	21.19	240	18534	0.40	ng		-0.01
34) Perylene-d12	23.37	264	20614	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	2947	0.34	ng		0.00
5) Phenol-d6	6.81	99	3736	0.35	ng		0.00
8) Nitrobenzene-d5	8.76	82	3108	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	11.98	152	8087	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.74	330	992	0.36	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	12177	0.44	ng		0.00
25) Fluoranthene-d10	19.02	212	20726	0.37	ng		0.00
29) Terphenyl-d14	19.64	244	16539	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	1417	0.396	ng	#	54
3) n-Nitrosodimethylamine	3.57	42	1031	0.325	ng	#	33
6) bis(2-Chloroethyl)ether	7.07	93	3478	0.387	ng		96
9) Naphthalene	10.44	128	12812	0.401	ng		97
10) Hexachlorobutadiene	10.75	225	3107	0.422	ng	#	97
12) 2-Methylnaphthalene	12.05	142	8910	0.388	ng		98
16) Acenaphthylene	13.96	152	12274	0.342	ng		100
17) Acenaphthene	14.31	154	8579	0.394	ng		98
18) Fluorene	15.29	166	11330	0.382	ng		100
20) 4-Bromophenyl-phenylether	16.20	248	4312m	0.412	ng		
21) Hexachlorobenzene	16.31	284	4628	0.452	ng		98
22) Pentachlorophenol	16.65	266	1127	0.357	ng		92
23) Phenanthrene	17.03	178	19629	0.405	ng		100
24) Anthracene	17.12	178	16461	0.341	ng		99
26) Fluoranthene	19.06	202	23549	0.384	ng		100
28) Pyrene	19.42	202	23489	0.379	ng		99
30) Benzo(a)anthracene	21.17	228	22019	0.349	ng		99
31) Chrysene	21.23	228	25575	0.412	ng		97
32) Bis(2-ethylhexyl)phthalate	21.14	149	6303	0.235	ng	#	95
33) Indeno(1,2,3-cd)pyrene	25.52	276	28269	0.384	ng		99
35) Benzo(b)fluoranthene	22.72	252	24334	0.384	ng		99
36) Benzo(k)fluoranthene	22.76	252	25311	0.395	ng		98
37) Benzo(a)pyrene	23.27	252	20894	0.349	ng		98
38) Dibenzo(a,h)anthracene	25.53	278	23715	0.395	ng		99
39) Benzo(g,h,i)perylene	26.17	276	23217	0.388	ng		98

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

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