Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100519\
Data File : BN008048.D
Acq On : 06 Oct 2019 06:48
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
10/7/2019 4:40:38 PM

Quant Time: Oct 07 07:33:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3377	0.40	ng		-0.02
7) Naphthalene-d8	10.44	136	13595	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	8407	0.40	ng		-0.03
19) Phenanthrene-d10	17.06	188	17565	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	19091	0.40	ng		-0.02
34) Perylene-d12	23.46	264	21267	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	4229	0.36	ng		-0.02
5) Phenol-d6	6.87	99	5213	0.36	ng		0.00
8) Nitrobenzene-d5	8.82	82	4587	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	9604	0.42	ng		-0.02
14) 2,4,6-Tribromophenol	15.80	330	1817	0.40	ng		-0.02
15) 2-Fluorobiphenyl	12.93	172	12636	0.36	ng		-0.02
25) Fluoranthene-d10	19.09	212	24110	0.41	ng		-0.02
29) Terphenyl-d14	19.69	244	19971	0.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	1807m	0.480	ng		
3) n-Nitrosodimethylamine	2.97	42	1130	0.655	ng		98
6) bis(2-Chloroethyl)ether	7.11	93	4605	0.482	ng	#	88
9) Naphthalene	10.49	128	15539	0.407	ng		99
10) Hexachlorobutadiene	10.79	225	3689	0.459	ng	#	100
12) 2-Methylnaphthalene	12.11	142	10705	0.415	ng		99
16) Acenaphthylene	14.02	152	17896	0.401	ng		100
17) Acenaphthene	14.37	154	10544	0.367	ng		97
18) Fluorene	15.36	166	13748	0.373	ng		99
20) 4-Bromophenyl-phenylether	16.25	248	4269	0.400	ng	#	91
21) Hexachlorobenzene	16.37	284	5203	0.446	ng		96
22) Pentachlorophenol	16.73	266	1700	0.396	ng		98
23) Phenanthrene	17.09	178	21386	0.391	ng		100
24) Anthracene	17.18	178	20267	0.410	ng		100
26) Fluoranthene	19.12	202	27572	0.405	ng		99
28) Pyrene	19.48	202	28572	0.439	ng		99
30) Benzo(a)anthracene	21.23	228	28766	0.409	ng		98
31) Chrysene	21.28	228	27825	0.406	ng		98
32) Bis(2-ethylhexyl)phthalate	21.17	149	17595m	0.487	ng		
33) Indeno(1,2,3-cd)pyrene	25.67	276	34173	0.398	ng		98
35) Benzo(b)fluoranthene	22.80	252	29102	0.394	ng	#	85
36) Benzo(k)fluoranthene	22.84	252	28461	0.390	ng	#	90
37) Benzo(a)pyrene	23.37	252	27906	0.402	ng	#	80
38) Dibenzo(a,h)anthracene	25.68	278	27964	0.394	ng	#	91
39) Benzo(g,h,i)perylene	26.35	276	28329	0.403	ng		95

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

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