Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120919\
Data File : BN008893.D
Acq On : 09 Dec 2019 15:06
Operator : JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
mohammad
12/10/2019 3:47:17 PM

Quant Time: Dec 09 15:41:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 15:08:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2762	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	11669	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	8241	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	18274	0.40	ng		0.00
27) Chrysene-d12	21.13	240	20419	0.40	ng		0.00
34) Perylene-d12	23.28	264	21354	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	11185	1.50	ng		0.00
5) Phenol-d6	6.75	99	15789	1.55	ng		0.00
8) Nitrobenzene-d5	8.69	82	16154	1.57	ng		0.00
11) 2-Methylnaphthalene-d10	11.91	152	32322	1.67	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	6443	1.44	ng		0.00
15) 2-Fluorobiphenyl	12.81	172	50771	1.64	ng		0.00
25) Fluoranthene-d10	18.97	212	90939	1.64	ng		0.00
29) Terphenyl-d14	19.58	244	75030	1.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	4313	1.626	ng		99
3) n-Nitrosodimethylamine	3.50	42	6076	1.657	ng	#	99
6) bis(2-Chloroethyl)ether	7.00	93	14450	1.577	ng		97
9) Naphthalene	10.37	128	51104	1.642	ng		99
10) Hexachlorobutadiene	10.67	225	9747	1.589	ng	#	99
12) 2-Methylnaphthalene	11.99	142	38255	1.668	ng		100
16) Acenaphthylene	13.90	152	61593	1.602	ng		100
17) Acenaphthene	14.25	154	40313	1.653	ng		99
18) Fluorene	15.24	166	53989	1.669	ng		99
20) 4-Bromophenyl-phenylether	16.14	248	17736	1.658	ng		98
21) Hexachlorobenzene	16.25	284	20049	1.624	ng		99
22) Pentachlorophenol	16.59	266	7244	1.465	ng		99
23) Phenanthrene	16.97	178	93335	1.673	ng		100
24) Anthracene	17.06	178	83162	1.624	ng		100
26) Fluoranthene	19.00	202	114210	1.700	ng		100
28) Pyrene	19.36	202	113540	1.594	ng		100
30) Benzo(a)anthracene	21.12	228	117992	1.599	ng		100
31) Chrysene	21.17	228	120123	1.677	ng		100
32) Bis(2-ethylhexyl)phthalate	21.08	149	50467	1.026	ng		100
33) Indeno(1,2,3-cd)pyrene	25.39	276	130556	1.476	ng		100
35) Benzo(b)fluoranthene	22.65	252	125635m	1.771	ng		
36) Benzo(k)fluoranthene	22.69	252	124444	1.786	ng	#	95
37) Benzo(a)pyrene	23.19	252	111731	1.670	ng	#	94
38) Dibenzo(a,h)anthracene	25.41	278	106004	1.552	ng		98
39) Benzo(g,h,i)perylene	26.03	276	103704	1.499	ng		99

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

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