Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
Data File : BE100987.D
Acq On : 27 Dec 2019 9:58
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
12/29/2019 5:27:04 PM

Quant Time: Dec 27 23:56:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 17:39:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2291	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	12011	0.40	ng		0.00
13) Acenaphthene-d10	14.37	164	7359	0.40	ng		-0.01
19) Phenanthrene-d10	17.11	188	16940	0.40	ng		-0.01
27) Chrysene-d12	21.29	240	15404	0.40	ng		0.00
34) Perylene-d12	23.72	264	17240	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	1629	0.42	ng		0.00
5) Phenol-d6	6.94	99	1820	0.42	ng		-0.04
8) Nitrobenzene-d5	8.90	82	2172	0.45	ng		-0.01
11) 2-Methylnaphthalene-d10	12.12	152	7657	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	582	0.45	ng		-0.01
15) 2-Fluorobiphenyl	13.02	172	11364	0.43	ng		0.00
25) Fluoranthene-d10	19.14	212	82077	0.40	ng		0.00
29) Terphenyl-d14	19.75	244	16017	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	2829m	0.370	ng		
3) n-Nitrosodimethylamine	3.65	42	918	0.622	ng	#	1
6) bis(2-Chloroethyl)ether	7.20	93	2865m	0.346	ng		
9) Naphthalene	10.58	128	52593	0.412	ng		100
10) Hexachlorobutadiene	10.86	225	2342	0.415	ng		98
12) 2-Methylnaphthalene	12.19	142	7203	0.372	ng		96
16) Acenaphthylene	14.10	152	9979	0.363	ng		99
17) Acenaphthene	14.44	154	8326	0.417	ng		99
18) Fluorene	15.42	166	10352	0.416	ng		99
20) 4-Bromophenyl-phenylether	16.32	248	2840	0.382	ng		96
21) Hexachlorobenzene	16.43	284	3425	0.390	ng		98
22) Pentachlorophenol	16.81	266	304	0.383	ng		99
23) Phenanthrene	17.16	178	17371	0.398	ng		99
24) Anthracene	17.26	178	16649m	0.377	ng		
26) Fluoranthene	19.17	202	23083	0.388	ng		98
28) Pyrene	19.53	202	24244	0.450	ng		100
30) Benzo(a)anthracene	21.28	228	15895	0.422	ng		98
31) Chrysene	21.33	228	30513m	0.435	ng		
32) Bis(2-ethylhexyl)phthalate	21.21	149	26285	0.393	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.28	276	21874	0.414	ng	#	91
35) Benzo(b)fluoranthene	22.98	252	17460	0.481	ng		99
36) Benzo(k)fluoranthene	23.03	252	29041m	0.422	ng		
37) Benzo(a)pyrene	23.62	252	18162	0.429	ng		99
38) Dibenzo(a,h)anthracene	26.31	278	16356	0.426	ng		96
39) Benzo(g,h,i)perylene	27.06	276	20104	0.445	ng		98

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

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