Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101519\
Data File : BE100646.D
Acq On : 15 Oct 2019 12:14
Operator : JU
Sample : K4994-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-SW117-091919-3

Manual Integrations APPROVED
mohammad
10/17/2019 7:56:49 AM

Quant Time: Oct 15 13:03:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 14:01:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	3392	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	15157	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	10469	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	25624	0.40	ng		0.00
27) Chrysene-d12	21.37	240	30795	0.40	ng		0.00
34) Perylene-d12	23.85	264	35247	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	3397	0.32	ng		0.00
5) Phenol-d6	7.01	99	5015	0.34	ng		0.00
8) Nitrobenzene-d5	8.99	82	4074	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	7669	0.32	ng		0.01
14) 2,4,6-Tribromophenol	15.96	330	1539	0.56	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	9983	0.26	ng		0.00
25) Fluoranthene-d10	19.23	212	96057	0.29	ng		0.00
29) Terphenyl-d14	19.83	244	20228	0.30	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.69	128	60084	0.377	ng		100
12) 2-Methylnaphthalene	12.31	142	13194	0.486	ng		100
16) Acenaphthylene	14.20	152	47008	1.044	ng		98
17) Acenaphthene	14.54	154	30897	1.061	ng		98
18) Fluorene	15.51	166	50538	1.307	ng		88
23) Phenanthrene	17.24	178	825764	11.716	ng		100
24) Anthracene	17.34	178	142181	2.174	ng	#	90
26) Fluoranthene	19.26	202	1051909	11.435	ng		99
28) Pyrene	19.62	202	1063925	12.366	ng	#	94
30) Benzo(a)anthracene	21.36	228	594336	5.916	ng		93
31) Chrysene	21.42	228	591901m	5.896	ng		
32) Bis(2-ethylhexyl)phthalate	21.31	149	1243828	5.920	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.48	276	284472	2.306	ng		96
35) Benzo(b)fluoranthene	23.10	252	634965	6.178	ng		98
36) Benzo(k)fluoranthene	23.15	252	247214m	2.339	ng		
37) Benzo(a)pyrene	23.75	252	467751	4.889	ng		99
38) Dibenzo(a,h)anthracene	26.50	278	83214	0.842	ng	#	86
39) Benzo(g,h,i)perylene	27.29	276	282143	2.837	ng		99

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

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