Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101519\
Data File : BE100642.D
Acq On : 15 Oct 2019 9:51
Operator : JU
Sample : K4994-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-SW091-091819-3

Manual Integrations APPROVED
mohammad
10/17/2019 7:56:38 AM

Quant Time: Oct 15 12:04:17 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	7.85	152	5964	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	27584	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	23279	0.40	ng		-0.01
19) Phenanthrene-d10	17.20	188	54603	0.40	ng		0.00
27) Chrysene-d12	21.38	240	75493	0.40	ng		0.01
34) Perylene-d12	23.86	264	84216	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	4046	0.22	ng		0.00
5) Phenol-d6	7.01	99	6102	0.23	ng		0.00
8) Nitrobenzene-d5	8.99	82	4123	0.24	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	10458	0.24	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1460	0.24	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	14335	0.17	ng		0.00
25) Fluoranthene-d10	19.23	212	148013	0.21	ng		0.00
29) Terphenyl-d14	19.83	244	39122	0.24	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.68	128	1049377	3.618	ng		99
12) 2-Methylnaphthalene	12.30	142	128258	2.594	ng		93
16) Acenaphthylene	14.20	152	894038	8.925	ng		99
17) Acenaphthene	14.54	154	87391	1.350	ng		96
18) Fluorene	15.51	166	463691	5.393	ng	#	94
22) Pentachlorophenol	16.85	266	390	0.046	ng		89
23) Phenanthrene	17.25	178	7238676	48.197	ng	#	90
24) Anthracene	17.33	178	804079	5.770	ng		96
26) Fluoranthene	19.27	202	9340377m	47.650	ng		
28) Pyrene	19.63	202	10157498	48.159	ng	#	74
30) Benzo(a)anthracene	21.35	228	6301110	25.587	ng	#	82
31) Chrysene	21.41	228	7783131	31.625	ng	#	79
32) Bis(2-ethylhexyl)phthalate	21.31	149	114287	0.222	ng	#	69
33) Indeno(1,2,3-cd)pyrene	26.50	276	4379229	14.478	ng		96
35) Benzo(b)fluoranthene	23.11	252	8078803	32.899	ng		94
36) Benzo(k)fluoranthene	23.15	252	3048185m	12.069	ng		
37) Benzo(a)pyrene	23.76	252	6168110	26.984	ng		96
38) Dibenzo(a,h)anthracene	26.51	278	1268895	5.371	ng		93
39) Benzo(g,h,i)perylene	27.31	276	4676711	19.682	ng		98

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

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