Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
Data File : BE099756.D
Acq On : 28 May 2019 14:39
Operator : JU/SJ
Sample : PB120100BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB120100BS

Manual Integrations APPROVED
mohammad
5/29/2019 6:15:34 PM

Quant Time: May 28 15:19:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1324	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	4393	0.40	ng		0.01
13) Acenaphthene-d10	14.48	164	2885	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	8483	0.40	ng		0.00
27) Chrysene-d12	21.42	240	14705	0.40	ng		0.00
34) Perylene-d12	23.95	264	16813	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	1316	0.39	ng		0.00
5) Phenol-d6	6.98	99	1676	0.38	ng		0.00
8) Nitrobenzene-d5	8.98	82	1388	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	2554m	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	644	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	4201	0.38	ng		0.01
25) Fluoranthene-d10	19.27	212	45239	0.39	ng		0.00
29) Terphenyl-d14	19.86	244	10132	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	617	0.315	ng	#	77
3) n-Nitrosodimethylamine	3.61	42	415	0.383	ng	#	80
6) bis(2-Chloroethyl)ether	7.24	93	1297	0.329	ng		95
9) Naphthalene	10.67	128	17391	0.370	ng		99
10) Hexachlorobutadiene	10.95	225	1316	0.380	ng		96
12) 2-Methylnaphthalene	12.29	142	2823	0.369	ng		97
16) Acenaphthylene	14.21	152	4960	0.369	ng		99
17) Acenaphthene	14.56	154	2757	0.365	ng		97
18) Fluorene	15.53	166	3981	0.358	ng		100
20) 4-Bromophenyl-phenylether	16.42	248	1713	0.350	ng	#	97
21) Hexachlorobenzene	16.53	284	1833	0.366	ng		99
22) Pentachlorophenol	16.91	266	1139	0.875	ng		93
23) Phenanthrene	17.27	178	7550	0.364	ng		99
24) Anthracene	17.36	178	6505	0.346	ng		97
26) Fluoranthene	19.29	202	12577	0.384	ng		100
28) Pyrene	19.66	202	13114	0.355	ng		99
30) Benzo(a)anthracene	21.40	228	17672	0.423	ng		98
31) Chrysene	21.45	228	18046	0.404	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	17958	0.373	ng		99
33) Indeno(1,2,3-cd)pyrene	26.65	276	21286	0.395	ng	#	95
35) Benzo(b)fluoranthene	23.17	252	17626	0.383	ng		98
36) Benzo(k)fluoranthene	23.22	252	19302	0.402	ng		98
37) Benzo(a)pyrene	23.84	252	17863	0.403	ng		100
38) Dibenzo(a,h)anthracene	26.68	278	17186	0.369	ng		99
39) Benzo(g,h,i)perylene	27.47	276	18741	0.399	ng		99

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

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