Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
Data File : BE100990.D
Acq On : 27 Dec 2019 13:07
Operator : JU
Sample : PB125417BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB125417BS

Manual Integrations APPROVED
mohammad
12/29/2019 5:26:48 PM

Quant Time: Dec 27 23:12:35 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	2240	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	11537	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	7123	0.40	ng	-0.01
19) Phenanthrene-d10	17.11	188	16374	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	14621	0.40	ng	0.00
34) Perylene-d12	23.72	264	16679	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1486	0.39	ng	0.00
5) Phenol-d6	6.97	99	1835m	0.43	ng	-0.02
8) Nitrobenzene-d5	8.91	82	2199	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	7223	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	527	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	10951	0.43	ng	0.00
25) Fluoranthene-d10	19.14	212	76024	0.38	ng	0.00
29) Terphenyl-d14	19.75	244	14974	0.45	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	2436	0.292	ng	# 84
3) n-Nitrosodimethylamine	3.66	42	360	0.443	ng	# 20
6) bis(2-Chloroethyl)ether	7.18	93	2813m	0.347	ng	
9) Naphthalene	10.57	128	50847	0.415	ng	100
10) Hexachlorobutadiene	10.86	225	2301	0.424	ng	100
12) 2-Methylnaphthalene	12.20	142	7009	0.377	ng	99
16) Acenaphthylene	14.10	152	9344	0.351	ng	98
17) Acenaphthene	14.44	154	7916	0.409	ng	98
18) Fluorene	15.42	166	9849	0.409	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	2753	0.383	ng	96
21) Hexachlorobenzene	16.42	284	3305	0.389	ng	99
22) Pentachlorophenol	16.79	266	320	0.406	ng	98
23) Phenanthrene	17.16	178	16605	0.393	ng	100
24) Anthracene	17.25	178	15486m	0.363	ng	
26) Fluoranthene	19.17	202	21414	0.372	ng	99
28) Pyrene	19.53	202	22550	0.441	ng	100
30) Benzo(a)anthracene	21.27	228	14895	0.416	ng	99
31) Chrysene	21.33	228	27147m	0.407	ng	
32) Bis(2-ethylhexyl)phthalate	21.21	149	24949	0.393	ng	100
33) Indeno(1,2,3-cd)pyrene	26.28	276	18608	0.371	ng	# 80
35) Benzo(b)fluoranthene	22.98	252	16204	0.461	ng	99
36) Benzo(k)fluoranthene	23.03	252	27184m	0.408	ng	
37) Benzo(a)pyrene	23.61	252	17575	0.429	ng	98
38) Dibenzo(a,h)anthracene	26.31	278	12132	0.327	ng	96
39) Benzo(g,h,i)perylene	27.06	276	19568	0.447	ng	99

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

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