Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
Data File : BE100086.D
Acq On : 19 Jun 2019 16:51
Operator : JU/SJ
Sample : PB120501BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB120501BS

Manual Integrations APPROVED
mohammad
6/21/2019 8:20:30 AM

Quant Time: Jun 19 18:36:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	858	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	2786	0.40	ng		0.00
13) Acenaphthene-d10	14.41	164	1754	0.40	ng		0.00
19) Phenanthrene-d10	17.16	188	4899	0.40	ng		0.00
27) Chrysene-d12	21.35	240	5829	0.40	ng		0.01
34) Perylene-d12	23.84	264	7231	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	695	0.39	ng		0.00
5) Phenol-d6	6.92	99	904	0.37	ng		-0.01
8) Nitrobenzene-d5	8.90	82	945	0.35	ng		-0.01
11) 2-Methylnaphthalene-d10	12.15	152	2387	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.92	330	223	0.23	ng		0.00
15) 2-Fluorobiphenyl	13.04	172	2571	0.37	ng		0.00
25) Fluoranthene-d10	19.20	212	19564	0.28	ng		0.00
29) Terphenyl-d14	19.80	244	3959	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	1084	0.787	ng	#	84
3) n-Nitrosodimethylamine	3.57	42	195	0.557	ng	#	100
6) bis(2-Chloroethyl)ether	7.17	93	974	0.420	ng	#	64
9) Naphthalene	10.59	128	10547	0.348	ng		99
10) Hexachlorobutadiene	10.86	225	1002	0.337	ng		96
12) 2-Methylnaphthalene	12.22	142	1733	0.348	ng		95
16) Acenaphthylene	14.14	152	2988	0.359	ng		99
17) Acenaphthene	14.47	154	1635	0.351	ng		99
18) Fluorene	15.46	166	2312	0.333	ng		98
20) 4-Bromophenyl-phenylether	16.36	248	1011	0.347	ng		97
21) Hexachlorobenzene	16.47	284	1107	0.344	ng		99
22) Pentachlorophenol	16.88	266	90	0.328	ng		97
23) Phenanthrene	17.20	178	4038	0.344	ng		99
24) Anthracene	17.30	178	3190	0.322	ng		99
26) Fluoranthene	19.23	202	5769	0.306	ng		99
28) Pyrene	19.59	202	5746	0.384	ng		99
30) Benzo(a)anthracene	21.33	228	5966	0.344	ng		100
31) Chrysene	21.39	228	7422	0.368	ng		100
32) Bis(2-ethylhexyl)phthalate	21.24	149	4939	0.302	ng		100
33) Indeno(1,2,3-cd)pyrene	26.48	276	11391	0.502	ng	#	95
35) Benzo(b)fluoranthene	23.07	252	8043m	0.379	ng		
36) Benzo(k)fluoranthene	23.12	252	8354	0.346	ng		98
37) Benzo(a)pyrene	23.73	252	7413	0.362	ng	#	96
38) Dibenzo(a,h)anthracene	26.51	278	9360	0.446	ng		99
39) Benzo(g,h,i)perylene	27.29	276	9649	0.442	ng		97

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

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