Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
Data File : BE099738.D
Acq On : 24 May 2019 12:35
Operator : JU/SJ
Sample : PB120031BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB120031BS

Manual Integrations APPROVED
mohammad
5/27/2019 4:01:17 AM

Quant Time: May 24 21:41:33 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	7.80	152	1573	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	5356	0.40	ng		-0.01
13) Acenaphthene-d10	14.47	164	3456	0.40	ng		-0.02
19) Phenanthrene-d10	17.21	188	9973	0.40	ng		-0.01
27) Chrysene-d12	21.40	240	16190	0.40	ng		-0.01
34) Perylene-d12	23.94	264	20925	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	1504	0.38	ng		0.00
5) Phenol-d6	6.96	99	1920	0.36	ng		-0.01
8) Nitrobenzene-d5	8.96	82	1652	0.36	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3184m	0.34	ng		-0.02
14) 2,4,6-Tribromophenol	15.97	330	679	0.39	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	4576	0.35	ng		0.00
25) Fluoranthene-d10	19.25	212	44083	0.32	ng		-0.01
29) Terphenyl-d14	19.85	244	9581	0.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	776	0.333	ng	#	47
3) n-Nitrosodimethylamine	3.61	42	480	0.373	ng	#	86
6) bis(2-Chloroethyl)ether	7.23	93	1602	0.342	ng		90
9) Naphthalene	10.65	128	20066	0.350	ng		100
10) Hexachlorobutadiene	10.93	225	1478	0.350	ng		97
12) 2-Methylnaphthalene	12.28	142	3237	0.347	ng		97
16) Acenaphthylene	14.20	152	5668	0.352	ng		99
17) Acenaphthene	14.54	154	3187	0.353	ng		98
18) Fluorene	15.51	166	4538	0.341	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	1991	0.346	ng		95
21) Hexachlorobenzene	16.52	284	1997	0.339	ng		98
22) Pentachlorophenol	16.88	266	699	0.559	ng		92
23) Phenanthrene	17.27	178	8415	0.345	ng		99
24) Anthracene	17.35	178	7684	0.348	ng		98
26) Fluoranthene	19.28	202	12970	0.337	ng		100
28) Pyrene	19.65	202	13480	0.331	ng		99
30) Benzo(a)anthracene	21.39	228	19147	0.416	ng		100
31) Chrysene	21.45	228	19562	0.398	ng		97
32) Bis(2-ethylhexyl)phthalate	21.30	149	24188	0.456	ng		99
33) Indeno(1,2,3-cd)pyrene	26.62	276	26859	0.452	ng		99
35) Benzo(b)fluoranthene	23.16	252	21651m	0.378	ng		
36) Benzo(k)fluoranthene	23.21	252	22340	0.374	ng		99
37) Benzo(a)pyrene	23.83	252	21461	0.389	ng	#	98
38) Dibenzo(a,h)anthracene	26.66	278	22382	0.386	ng		98
39) Benzo(g,h,i)perylene	27.45	276	22262	0.380	ng		98

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

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