Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080316\
Data File : BE092178.D
Acq On : 4 Aug 2016 12:11
Operator : UM/SJ
Sample : H4176-20MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : GW-34-7.0-15.0MSD

Manual Integrations APPROVED
sohil
8/4/2016 6:10:24 PM

Quant Time: Aug 04 14:25:09 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 16:59:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	13958	5.00	ng		0.00
6) Naphthalene-d8	10.98	136	59302	5.00	ng		-0.01
10) Acenaphthene-d10	14.83	164	30122	5.00	ng		-0.02
16) Phenanthrene-d10	17.56	188	59958	5.00	ng		-0.02
22) Chrysene-d12	21.75	240	60050	5.00	ng		0.00
28) Perylene-d12	24.14	264	62561	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.70	112	206031	57.48	ng		0.00
5) Phenol-d6	7.34	99	172239	36.06	ng		-0.01
7) Nitrobenzene-d5	9.34	82	370313	79.14	ng		-0.01
11) 2,4,6-Tribromophenol	16.33	330	125206	128.01	ng		0.00
12) 2-Fluorobiphenyl	13.46	172	645466	67.62	ng		0.00
24) Terphenyl-d14	20.19	244	599356	69.50	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	4821	2.54	ng	#	79
3) n-Nitrosodimethylamine	3.78	42	7449	2.86	ng		98
8) Naphthalene	11.02	128	37466	2.94	ng	#	95
9) 2-Methylnaphthalene	12.64	142	25301	3.01	ng		93
13) Acenaphthylene	14.54	152	149741	2.82	ng		98
14) Acenaphthene	14.90	154	22490	2.66	ng	#	90
15) Fluorene	15.88	166	28519	2.66	ng		99
17) Hexachlorobenzene	16.89	284	7735	2.64	ng	#	38
18) Pentachlorophenol	17.24	266	6969	6.36	ng	#	83
19) Phenanthrene	17.60	178	48988	2.99	ng		99
20) Anthracene	17.70	178	50582	3.17	ng		98
21) Fluoranthene	19.63	202	193139	2.63	ng		97
23) Pyrene	19.99	202	206532	3.29	ng		98
25) Benzo(a)anthracene	21.72	228	200292	3.03	ng		97
26) Chrysene	21.77	228	173627m	2.63	ng		
27) Indeno(1,2,3-cd)pyrene	26.63	276	242482	3.38	ng		99
29) Benzo(b)fluoranthene	23.40	252	48789	2.85	ng		97
30) Benzo(k)fluoranthene	23.45	252	45707	2.78	ng		97
31) Benzo(a)pyrene	24.02	252	46948	2.98	ng		95
32) Dibenzo(a,h)anthracene	26.67	278	50329	3.35	ng	#	93
33) Benzo(g,h,i)perylene	27.42	276	213114	3.33	ng		95

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

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