Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080416\
Data File : BE092184.D
Acq On : 4 Aug 2016 16:01
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Manual Integrations APPROVED
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8/5/2016 6:58:11 PM

Quant Time: Aug 05 03:20:01 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	9296	5.00	ng		0.00
6) Naphthalene-d8	10.98	136	44138	5.00	ng		-0.01
10) Acenaphthene-d10	14.83	164	25112	5.00	ng		-0.02
16) Phenanthrene-d10	17.56	188	56584	5.00	ng		-0.02
22) Chrysene-d12	21.75	240	68176	5.00	ng		0.00
28) Perylene-d12	24.14	264	65011	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.71	112	795	0.33	ng		0.01
5) Phenol-d6	7.36	99	1051	0.33	ng		0.01
7) Nitrobenzene-d5	9.35	82	1112	0.32	ng		0.00
11) 2,4,6-Tribromophenol	16.33	330	269	0.33	ng		0.00
12) 2-Fluorobiphenyl	13.46	172	3103	0.39	ng		0.00
24) Terphenyl-d14	20.21	244	4353	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	535	0.42	ng		99
3) n-Nitrosodimethylamine	3.80	42	547	0.40	ng	#	6
8) Naphthalene	11.03	128	3957	0.41	ng		98
9) 2-Methylnaphthalene	12.65	142	2464	0.40	ng	#	87
13) Acenaphthylene	14.56	152	17039	0.38	ng		98
14) Acenaphthene	14.90	154	2806	0.40	ng	#	95
15) Fluorene	15.89	166	3386	0.38	ng		99
17) Hexachlorobenzene	16.89	284	1089	0.39	ng	#	60
18) Pentachlorophenol	17.23	266	206	0.39	ng		95
19) Phenanthrene	17.60	178	6444	0.38	ng		100
20) Anthracene	17.70	178	5269	0.35	ng		99
21) Fluoranthene	19.63	202	25393	0.37	ng		97
23) Pyrene	19.99	202	27397	0.38	ng		99
25) Benzo(a)anthracene	21.72	228	28323	0.38	ng		94
26) Chrysene	21.77	228	29234	0.39	ng	#	87
27) Indeno(1,2,3-cd)pyrene	26.65	276	29085	0.36	ng		99
29) Benzo(b)fluoranthene	23.40	252	6493	0.37	ng		98
30) Benzo(k)fluoranthene	23.45	252	7091m	0.40	ng		
31) Benzo(a)pyrene	24.02	252	6332	0.39	ng		97
32) Dibenzo(a,h)anthracene	26.67	278	5889	0.38	ng		100
33) Benzo(g,h,i)perylene	27.42	276	25301	0.38	ng		99

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

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