Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080216\
Data File : BE092140.D
Acq On : 3 Aug 2016 9:23
Operator : UM/SJ
Sample : PB92567BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB92567BS

Manual Integrations APPROVED
umangi
8/3/2016 5:55:50 PM

Quant Time: Aug 03 12:44:53 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	17070	5.00	ng		0.00
6) Naphthalene-d8	10.98	136	73432	5.00	ng		-0.01
10) Acenaphthene-d10	14.83	164	36121	5.00	ng		-0.02
16) Phenanthrene-d10	17.56	188	74462	5.00	ng		-0.02
22) Chrysene-d12	21.73	240	76746	5.00	ng		-0.02
28) Perylene-d12	24.14	264	72622	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	23692	5.40	ng		0.00
5) Phenol-d6	7.34	99	30514	5.22	ng		-0.01
7) Nitrobenzene-d5	9.34	82	14024	2.42	ng		-0.01
11) 2,4,6-Tribromophenol	16.32	330	6582	5.61	ng		-0.01
12) 2-Fluorobiphenyl	13.46	172	29498	2.58	ng		0.00
24) Terphenyl-d14	20.19	244	32594	2.96	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	4731	2.04	ng	#	79
3) n-Nitrosodimethylamine	3.79	42	7801	2.46	ng		98
8) Naphthalene	11.03	128	38423	2.43	ng		95
9) 2-Methylnaphthalene	12.65	142	25873	2.49	ng		97
13) Acenaphthylene	14.54	152	153860	2.41	ng		98
14) Acenaphthene	14.90	154	24395	2.40	ng	#	98
15) Fluorene	15.88	166	29711	2.31	ng		100
17) Hexachlorobenzene	16.89	284	8073	2.22	ng	#	38
18) Pentachlorophenol	17.24	266	6089	4.53	ng	#	83
19) Phenanthrene	17.61	178	52150	2.56	ng		100
20) Anthracene	17.70	178	48171	2.43	ng		99
21) Fluoranthene	19.63	202	203872	2.24	ng		97
23) Pyrene	19.99	202	220753	2.75	ng		97
25) Benzo(a)anthracene	21.72	228	213753	2.53	ng		98
26) Chrysene	21.77	228	196476m	2.33	ng		
27) Indeno(1,2,3-cd)pyrene	26.63	276	225232	2.45	ng		100
29) Benzo(b)fluoranthene	23.40	252	50478m	2.54	ng		
30) Benzo(k)fluoranthene	23.45	252	48224	2.53	ng		96
31) Benzo(a)pyrene	24.02	252	45739	2.50	ng		95
32) Dibenzo(a,h)anthracene	26.65	278	45983	2.64	ng		96
33) Benzo(g,h,i)perylene	27.40	276	199180	2.68	ng		96

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

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