Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101716\
Data File : BE092461.D
Acq On : 17 Oct 2016 20:20
Operator : UM/SJ
Sample : PB93716BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB93716BSD

Manual Integrations APPROVED
sohil
10/18/2016 10:59:16 AM

Quant Time: Oct 18 01:04:14 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 18:25:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	14720	5.00	ng		-0.02
7) Naphthalene-d8	10.95	136	65118	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	40862	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	71056	5.00	ng		0.00
24) Chrysene-d12	21.75	240	113135	5.00	ng		0.00
31) Perylene-d12	24.11	264	99466	5.00	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.67	112	23238	6.71	ng		-0.02
5) Phenol-d6	7.33	99	30057	6.08	ng		-0.02
8) Nitrobenzene-d5	9.34	82	14228	3.10	ng		-0.02
13) 2,4,6-Tribromophenol	16.31	330	7919	5.52	ng		-0.01
14) 2-Fluorobiphenyl	13.43	172	34035	3.52	ng		-0.01
26) Terphenyl-d14	20.17	244	42982	3.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	4667	2.92	ng	#	82
3) n-Nitrosodimethylamine	3.76	42	7816	3.41	ng	#	95
6) bis(2-Chloroethyl)ether	7.59	93	12162	3.16	ng	#	26
9) Naphthalene	10.99	128	43764	3.11	ng	#	95
10) Hexachlorobutadiene	11.28	225	6586	2.97	ng		99
11) 2-Methylnaphthalene	12.62	142	29444	3.16	ng	#	86
15) Acenaphthylene	14.53	152	191320	3.23	ng		100
16) Acenaphthene	14.87	154	29289	3.16	ng		94
17) Fluorene	15.86	166	38175	3.25	ng		100
19) Hexachlorobenzene	16.89	284	10865m	3.57	ng		
20) Pentachlorophenol	17.23	266	9786	8.78	ng		86
21) Phenanthrene	17.60	178	65465	4.01	ng	#	94
22) Anthracene	17.69	178	63755	4.06	ng		99
23) Fluoranthene	19.61	202	273332	3.52	ng		99
25) Pyrene	19.97	202	301891	3.08	ng		99
27) Benzo(a)anthracene	21.72	228	370995m	3.37	ng		
28) Chrysene	21.77	228	335639m	3.32	ng		
29) Bis(2-ethylhexyl)phthalate	21.63	149	33484	3.53	ng	#	75
30) Indeno(1,2,3-cd)pyrene	26.60	276	387062	3.61	ng		98
32) Benzo(b)fluoranthene	23.38	252	88366	3.67	ng	#	96
33) Benzo(k)fluoranthene	23.43	252	80832	3.21	ng		94
34) Benzo(a)pyrene	24.01	252	82642	3.50	ng	#	95
35) Dibenzo(a,h)anthracene	26.63	278	80015	3.70	ng		95
36) Benzo(g,h,i)perylene	27.38	276	334061	3.59	ng		96

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

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