Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081916\
Data File : BE092272.D
Acq On : 19 Aug 2016 16:22
Operator : UM/SJ
Sample : PB92976BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB92976BSD

Manual Integrations APPROVED
sohil
8/22/2016 3:50:02 PM

Quant Time: Aug 22 01:00:00 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 11:12:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	13197	5.00	ng		0.02
7) Naphthalene-d8	10.97	136	55470	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	27587	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	60785	5.00	ng		0.02
24) Chrysene-d12	21.75	240	56521	5.00	ng		0.00
31) Perylene-d12	24.13	264	65254	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.70	112	24597	8.52	ng		0.00
5) Phenol-d6	7.36	99	31353	7.55	ng		0.00
8) Nitrobenzene-d5	9.34	82	14699	3.75	ng		-0.02
13) 2,4,6-Tribromophenol	16.32	330	6421	6.02	ng		0.00
14) 2-Fluorobiphenyl	13.46	172	31566	3.70	ng		-0.01
26) Terphenyl-d14	20.19	244	33884	3.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	4623	3.09	ng	#	85
3) n-Nitrosodimethylamine	3.79	42	8145	3.39	ng	#	98
6) bis(2-Chloroethyl)ether	7.61	93	11906	3.54	ng	#	33
9) Naphthalene	11.01	128	40016	3.22	ng	#	95
10) Hexachlorobutadiene	11.30	225	6049	3.37	ng		99
11) 2-Methylnaphthalene	12.64	142	27155	3.50	ng		94
15) Acenaphthylene	14.54	152	160540	3.36	ng		99
16) Acenaphthene	14.88	154	23864	3.12	ng		94
17) Fluorene	15.88	166	30378	3.28	ng		99
19) Hexachlorobenzene	16.91	284	7944m	3.29	ng		
20) Pentachlorophenol	17.26	266	5410	7.22	ng	#	81
21) Phenanthrene	17.63	178	48774	3.10	ng		100
22) Anthracene	17.72	178	45978	3.24	ng		99
23) Fluoranthene	19.61	202	202046	3.24	ng		99
25) Pyrene	19.99	202	210646	3.15	ng		99
27) Benzo(a)anthracene	21.72	228	254874	3.76	ng	#	67
28) Chrysene	21.79	228	158421m	2.53	ng		
29) Bis(2-ethylhexyl)phthalate	21.66	149	23383	2.21	ng	#	93
30) Indeno(1,2,3-cd)pyrene	26.63	276	271404	4.02	ng		99
32) Benzo(b)fluoranthene	23.39	252	59610	3.48	ng	#	95
33) Benzo(k)fluoranthene	23.44	252	57501	3.33	ng	#	95
34) Benzo(a)pyrene	24.02	252	57045	3.53	ng	#	93
35) Dibenzo(a,h)anthracene	26.65	278	56288	3.75	ng		93
36) Benzo(g,h,i)perylene	27.40	276	235454	3.64	ng		95

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

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