Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051016\
Data File : BE091765.D
Acq On : 10 May 2016 20:31
Operator : UM/SJ
Sample : H2912-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CEDAR-HILL-TF-PS-003MSD

Quant Time: May 11 01:33:57 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	44235	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	213736	5.00	ng		0.00
13) Acenaphthene-d10	14.41	164	127245	5.00	ng		-0.01
19) Phenanthrene-d10	17.15	188	292335	5.00	ng		0.00
26) Chrysene-d12	21.31	240	293597	5.00	ng		0.00
35) Perylene-d12	23.75	264	298207	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	66097	6.08	ng		0.00
5) Phenol-d6	6.95	99	104551	7.26	ng		0.00
8) Nitrobenzene-d5	8.95	82	50099	3.63	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	33709	7.13	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	135348	3.76	ng		0.00
29) Terphenyl-d14	19.76	244	189294	4.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	14263	2.73	ng	#	91
3) n-Nitrosodimethylamine	3.64	42	25562	3.18	ng	#	97
6) bis(2-Chloroethyl)ether	7.21	93	44061	3.48	ng	#	77
9) Nitrobenzene	8.98	77	54279	3.76	ng		92
10) Naphthalene	10.61	128	159239	3.69	ng		98
11) Hexachlorobutadiene	10.90	225	24245	3.80	ng		97
12) 2-Methylnaphthalene	12.22	142	115164	4.15	ng		96
16) Acenaphthylene	14.12	152	208489	4.26	ng	#	86
17) Acenaphthene	14.47	154	125410	3.95	ng		95
18) Fluorene	15.44	166	157238	3.99	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	45014	4.28	ng		92
21) Hexachlorobenzene	16.45	284	44094	4.19	ng		99
22) Pentachlorophenol	16.79	266	45824	8.06	ng		88
23) Phenanthrene	17.18	178	267819	4.03	ng		99
24) Anthracene	17.28	178	262265	4.38	ng		98
25) Fluoranthene	19.19	202	304433	4.38	ng	#	97
27) Benzidine	19.38	184	1218	0.21	ng	#	69
28) Pyrene	19.55	202	327300	4.93	ng		99
30) Benzo(a)anthracene	21.29	228	288970	4.03	ng		91
31) 3,3'-Dichlorobenzidine	21.22	252	18970	0.52	ng	#	86
32) Chrysene	21.33	228	328361m	4.41	ng		
33) Bis(2-ethylhexyl)phthalate	21.20	149	193423	8.90	ng	#	88
34) Indeno(1,2,3-cd)pyrene	26.29	276	309829	4.67	ng		94
36) Benzo(b)fluoranthene	22.99	252	281136	4.02	ng	#	96
37) Benzo(k)fluoranthene	23.04	252	295865	4.17	ng	#	96
38) Benzo(a)pyrene	23.63	252	275020	4.18	ng	#	95
39) Dibenzo(a,h)anthracene	26.32	278	260818	4.18	ng	#	94
40) Benzo(g,h,i)perylene	27.08	276	263295	4.16	ng	#	94

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

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