Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050316\
Data File : BE091748.D
Acq On : 3 May 2016 18:00
Operator : UM/SJ
Sample : H2809-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : TILCON-MH-SF-003MSD

Manual Integrations APPROVED
sohil
5/4/2016 6:50:32 PM

Quant Time: May 04 01:33:38 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	43470	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	206335	5.00	ng		0.00
13) Acenaphthene-d10	14.41	164	124802	5.00	ng		-0.01
19) Phenanthrene-d10	17.15	188	300127	5.00	ng		0.00
26) Chrysene-d12	21.31	240	318414	5.00	ng		0.00
35) Perylene-d12	23.75	264	328778	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	92338	8.65	ng		0.00
5) Phenol-d6	6.95	99	137582	9.72	ng		0.00
8) Nitrobenzene-d5	8.95	82	59286	4.45	ng		0.00
14) 2,4,6-Tribromophenol	15.89	330	39080	8.40	ng		-0.01
15) 2-Fluorobiphenyl	13.03	172	156467	4.43	ng		0.00
29) Terphenyl-d14	19.76	244	241531	4.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	17955	3.52	ng	#	84
3) n-Nitrosodimethylamine	3.63	42	33155	4.20	ng		90
6) bis(2-Chloroethyl)ether	7.21	93	52403	4.21	ng	#	77
9) Nitrobenzene	8.99	77	61968	4.45	ng		93
10) Naphthalene	10.61	128	177458	4.26	ng		97
11) Hexachlorobutadiene	10.90	225	28442	4.62	ng		98
12) 2-Methylnaphthalene	12.23	142	127942	4.78	ng		99
16) Acenaphthylene	14.12	152	227640	4.74	ng	#	86
17) Acenaphthene	14.47	154	139565	4.48	ng		95
18) Fluorene	15.45	166	173648	4.49	ng		97
20) 4-Bromophenyl-phenylether	16.33	248	49299	4.57	ng		94
21) Hexachlorobenzene	16.45	284	50147	4.65	ng		99
22) Pentachlorophenol	16.79	266	55389	9.47	ng		90
23) Phenanthrene	17.18	178	306141	4.49	ng		99
24) Anthracene	17.28	178	295765	4.81	ng		98
25) Fluoranthene	19.19	202	371840	5.22	ng	#	96
27) Benzidine	19.38	184	55726	2.30	ng	#	77
28) Pyrene	19.55	202	399760	5.56	ng		99
30) Benzo(a)anthracene	21.29	228	360846	4.64	ng		93
31) 3,3'-Dichlorobenzidine	21.22	252	49649	1.25	ng	#	85
32) Chrysene	21.33	228	418503m	5.18	ng		
33) Bis(2-ethylhexyl)phthalate	21.20	149	249431	10.59	ng	#	86
34) Indeno(1,2,3-cd)pyrene	26.29	276	377731	5.25	ng		95
36) Benzo(b)fluoranthene	23.00	252	384609	4.99	ng	#	94
37) Benzo(k)fluoranthene	23.04	252	323162	4.13	ng	#	96
38) Benzo(a)pyrene	23.63	252	344488	4.75	ng	#	97
39) Dibenzo(a,h)anthracene	26.33	278	312450	4.55	ng	#	94
40) Benzo(g,h,i)perylene	27.09	276	320722	4.59	ng	#	94

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

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