Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086335.D
Acq On : 21 Apr 2016 3:52
Operator : UM/SJ
Sample : H2569-10MS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LCF-B2MS

Manual Integrations APPROVED
sohil
4/21/2016 7:12:46 PM

Quant Time: Apr 21 05:49:28 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	223170	20.00	ng		-0.02
21) Naphthalene-d8	8.16	136	832264	20.00	ng		-0.02
38) Acenaphthene-d10	9.92	164	312105	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	501238	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	344230	20.00	ng		-0.02
86) Perylene-d12	15.46	264	259926	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1781358	139.27	ng		0.00
7) Phenol-d6	6.51	99	2382975	142.36	ng		-0.01
23) Nitrobenzene-d5	7.44	82	1408965	96.96	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	358836	147.51	ng		-0.02
44) 2-Fluorobiphenyl	9.23	172	1848753	125.07	ng		-0.03
78) Terphenyl-d14	12.98	244	1311540	90.69	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	303587	43.81	ng		96
3) Pyridine	3.28	79	921455	51.94	ng		97
4) n-Nitrosodimethylamine	3.23	42	365289	59.76	ng	#	77
6) Aniline	6.53	93	432209	19.19	ng	#	1
8) 2-Chlorophenol	6.66	128	718248	47.27	ng		89
9) Benzaldehyde	6.41	77	221958	18.71	ng		87
10) Phenol	6.53	94	818617	42.67	ng		94
11) bis(2-Chloroethyl)ether	6.61	93	768876	45.89	ng		93
12) 1,3-Dichlorobenzene	6.81	146	763630	45.81	ng		98
13) 1,4-Dichlorobenzene	6.89	146	800086	44.92	ng		99
14) 1,2-Dichlorobenzene	7.05	146	694995	43.98	ng		99
15) Benzyl Alcohol	7.01	79	510627	49.10	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1033890	43.85	ng		88
17) 2-Methylphenol	7.14	107	600756	47.31	ng		99
18) Hexachloroethane	7.38	117	151803	28.59	ng	#	88
19) n-Nitroso-di-n-propylamine	7.29	70	477386	47.08	ng	#	80
20) 3+4-Methylphenols	7.29	107	666157	48.36	ng	#	76
22) Acetophenone	7.29	105	952158	54.46	ng	#	90
24) Nitrobenzene	7.46	77	766560	49.31	ng		99
25) Isophorone	7.70	82	1401469	50.90	ng		99
26) 2-Nitrophenol	7.77	139	241668	34.75	ng		92
27) 2,4-Dimethylphenol	7.81	122	597728	43.83	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	891751	55.38	ng		99
29) 2,4-Dichlorophenol	8.02	162	567715	52.78	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	574328	49.50	ng		97
31) Naphthalene	8.18	128	1892271	47.70	ng		99
32) Benzoic acid	7.89	122	85611	10.56	ng		87
33) 4-Chloroaniline	8.22	127	240658	14.66	ng		99
34) Hexachlorobutadiene	8.29	225	277293	47.42	ng		98
35) Caprolactam	8.60	113	180648	51.87	ng	#	72
36) 4-Chloro-3-methylphenol	8.72	107	568160	46.98	ng		93
37) 2-Methylnaphthalene	8.88	142	1180865	48.20	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	446884	53.79	ng	#	96
40) Hexachlorocyclopentadiene	9.02	237	34179	18.27	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	301464	52.31	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	327326	52.15	ng	#	92
45) 1,1'-Biphenyl	9.33	154	1249086	50.96	ng		99
46) 2-Chloronaphthalene	9.36	162	973032	52.39	ng		99
47) 2-Nitroaniline	9.46	65	398261	63.09	ng	#	78
48) Acenaphthylene	9.78	152	1517112	52.31	ng		98
49) Dimethylphthalate	9.63	163	1477868	62.19	ng		99
50) 2,6-Dinitrotoluene	9.70	165	218674	44.72	ng		96
51) Acenaphthene	9.95	154	887720	52.17	ng		98
52) 3-Nitroaniline	9.87	138	340487	54.76	ng		82
53) 2,4-Dinitrophenol	9.97	184	3045	9.37	ng	#	1
54) Dibenzofuran	10.12	168	1311036	56.67	ng		99
55) 4-Nitrophenol	10.03	139	336841	87.36	ng		90
56) 2,4-Dinitrotoluene	10.10	165	232122	38.20	ng	#	84
57) Fluorene	10.46	166	866072	50.52	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	240447	57.09	ng	#	93
59) Diethylphthalate	10.34	149	1225165	52.84	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	413990	52.15	ng		95
61) 4-Nitroaniline	10.48	138	324229	55.70	ng		90
62) Azobenzene	10.61	77	1151692	50.39	ng		95
64) 4,6-Dinitro-2-methylphenol	10.51	198	4271	8.43	ng	#	79
65) n-Nitrosodiphenylamine	10.57	169	823132	49.84	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	260037	48.28	ng		94
67) Hexachlorobenzene	11.01	284	253350	46.87	ng	#	66
68) Atrazine	11.09	200	190778	37.59	ng		99
69) Pentachlorophenol	11.21	266	274314	96.88	ng		96
70) Phenanthrene	11.42	178	1214925	51.15	ng		98
71) Anthracene	11.47	178	1290591	50.74	ng		99
72) Carbazole	11.63	167	1341800	55.74	ng		97
73) Di-n-butylphthalate	11.96	149	1635700	52.78	ng	#	98
74) Fluoranthene	12.60	202	1201310	54.55	ng		99
76) Benzidine	12.73	184	952529	62.68	ng		95
77) Pyrene	12.83	202	1215419	47.60	ng		98
79) Butylbenzylphthalate	13.45	149	644741	47.83	ng	#	75
80) Benzo(a)anthracene	14.02	228	878997	48.48	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	339894	27.10	ng	#	98
82) Chrysene	14.05	228	847375	43.23	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	819943	51.94	ng	#	97
84) Di-n-octyl phthalate	14.63	149	1519508	53.41	ng		98
85) Indeno(1,2,3-cd)pyrene	16.87	276	723546	35.90	ng		97
87) Benzo(b)fluoranthene	15.05	252	724240m	48.17	ng		
88) Benzo(k)fluoranthene	15.08	252	796704m	62.95	ng		
89) Benzo(a)pyrene	15.40	252	706474	50.99	ng		99
90) Dibenzo(a,h)anthracene	16.89	278	614310	50.79	ng		98
91) Benzo(g,h,i)perylene	17.29	276	589466	50.83	ng		94

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

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