Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087036.D
Acq On : 14 May 2016 23:05
Operator : UM/SJ
Sample : PB90419BS
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Manual Integrations APPROVED
sohil
5/16/2016 6:58:42 PM

Quant Time: May 16 05:37:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 05:03:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	142547	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	578586	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	278169	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	543405	20.00	ng		0.00
75) Chrysene-d12	13.76	240	335859	20.00	ng		0.00
86) Perylene-d12	15.11	264	297467	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	869805	103.34	ng		0.01
7) Phenol-d6	6.28	99	1206800	107.28	ng		0.00
23) Nitrobenzene-d5	7.19	82	814417	70.68	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	350114	118.89	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1336253	80.73	ng		0.00
78) Terphenyl-d14	12.71	244	1171959	74.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	123410	29.86	ng	#	61
3) Pyridine	2.79	79	284104	28.12	ng	#	66
4) n-Nitrosodimethylamine	2.74	42	262825	35.88	ng	#	50
6) Aniline	6.28	93	173949	12.78	ng	#	6
8) 2-Chlorophenol	6.40	128	354633	34.92	ng	#	81
9) Benzaldehyde	6.17	77	23249	3.57	ng		96
10) Phenol	6.30	94	496410	37.13	ng		84
11) bis(2-Chloroethyl)ether	6.35	93	324851	31.16	ng	#	80
12) 1,3-Dichlorobenzene	6.55	146	367308	33.42	ng	#	93
13) 1,4-Dichlorobenzene	6.63	146	379881	33.89	ng		94
14) 1,2-Dichlorobenzene	6.78	146	324868m	33.25	ng		
15) Benzyl Alcohol	6.78	79	317520	40.88	ng		88
16) 2,2'-oxybis(1-Chloropropan	6.90	45	724293	31.95	ng		53
17) 2-Methylphenol	6.90	107	294305	36.41	ng	#	81
18) Hexachloroethane	7.12	117	144460	34.25	ng		98
19) n-Nitroso-di-n-propylamine	7.04	70	271785	34.57	ng	#	62
20) 3+4-Methylphenols	7.06	107	394214	37.35	ng	#	60
22) Acetophenone	7.04	105	521304	38.15	ng	#	95
24) Nitrobenzene	7.21	77	417729	35.24	ng		91
25) Isophorone	7.45	82	767010	35.88	ng		97
26) 2-Nitrophenol	7.53	139	182592	35.04	ng		95
27) 2,4-Dimethylphenol	7.59	122	318263	35.86	ng		94
28) bis(2-Chloroethoxy)methane	7.67	93	467520	40.54	ng		98
29) 2,4-Dichlorophenol	7.77	162	290494	37.19	ng		93
30) 1,2,4-Trichlorobenzene	7.84	180	309452	35.43	ng		95
31) Naphthalene	7.92	128	997619	34.42	ng		99
32) Benzoic acid	7.74	122	168193	32.27	ng		85
33) 4-Chloroaniline	7.99	127	109457	9.72	ng	#	94
34) Hexachlorobutadiene	8.04	225	183244	36.16	ng		99
35) Caprolactam	8.36	113	96912m	36.46	ng		
36) 4-Chloro-3-methylphenol	8.49	107	331607	35.00	ng		90
37) 2-Methylnaphthalene	8.62	142	706840	41.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	277500	34.31	ng		98
40) Hexachlorocyclopentadiene	8.76	237	213575	55.64	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	187812	34.73	ng		94
43) 2,4,5-Trichlorophenol	8.96	196	185078	33.09	ng		95
45) 1,1'-Biphenyl	9.08	154	837635	37.86	ng		99
46) 2-Chloronaphthalene	9.10	162	619290	35.73	ng		92
47) 2-Nitroaniline	9.21	65	245858	38.81	ng	#	73
48) Acenaphthylene	9.51	152	956604	37.52	ng		99
49) Dimethylphthalate	9.39	163	801791	37.78	ng		99
50) 2,6-Dinitrotoluene	9.45	165	153898	34.46	ng	#	70
51) Acenaphthene	9.68	154	572777	36.11	ng		98
52) 3-Nitroaniline	9.62	138	80677	17.16	ng	#	80
53) 2,4-Dinitrophenol	9.74	184	82733	40.46	ng		87
54) Dibenzofuran	9.85	168	830048	40.77	ng		91
55) 4-Nitrophenol	9.82	139	149000m	49.38	ng		
56) 2,4-Dinitrotoluene	9.86	165	216226	39.12	ng	#	83
57) Fluorene	10.19	166	613863	35.35	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	174240	41.38	ng		96
59) Diethylphthalate	10.09	149	793700	38.38	ng		97
60) 4-Chlorophenyl-phenylether	10.19	204	321985	41.90	ng		93
61) 4-Nitroaniline	10.24	138	164601	36.45	ng	#	72
62) Azobenzene	10.35	77	958360	42.95	ng		87
64) 4,6-Dinitro-2-methylphenol	10.26	198	76995	22.81	ng	#	30
65) n-Nitrosodiphenylamine	10.32	169	653015	39.12	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	193186	35.06	ng	#	87
67) Hexachlorobenzene	10.74	284	235464	36.57	ng	#	89
68) Atrazine	10.86	200	207821	37.26	ng		95
69) Pentachlorophenol	10.95	266	179656	60.37	ng		96
70) Phenanthrene	11.15	178	1102535	38.02	ng		100
71) Anthracene	11.20	178	1006818	33.95	ng		100
72) Carbazole	11.37	167	968110	37.97	ng		99
73) Di-n-butylphthalate	11.70	149	1161610	37.31	ng	#	99
74) Fluoranthene	12.33	202	1017961	34.13	ng		97
76) Benzidine	12.47	184	146795	17.14	ng		96
77) Pyrene	12.56	202	1093542	42.53	ng		100
79) Butylbenzylphthalate	13.19	149	469125	43.13	ng	#	76
80) Benzo(a)anthracene	13.75	228	755921	40.09	ng		98
81) 3,3'-Dichlorobenzidine	13.71	252	122420	10.22	ng	#	98
82) Chrysene	13.78	228	800480	41.74	ng		100
83) Bis(2-ethylhexyl)phthalate	13.75	149	566148	43.27	ng	#	95
84) Di-n-octyl phthalate	14.35	149	983694	45.39	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.35	276	672552	42.15	ng		95
87) Benzo(b)fluoranthene	14.74	252	649066m	33.57	ng		
88) Benzo(k)fluoranthene	14.77	252	627010m	39.61	ng		
89) Benzo(a)pyrene	15.06	252	617646	37.04	ng	#	96
90) Dibenzo(a,h)anthracene	16.37	278	559809	39.83	ng		97
91) Benzo(g,h,i)perylene	16.73	276	571308	40.01	ng	#	91

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

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