Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086865.D
Acq On : 10 May 2016 17:47
Operator : UM/SJ
Sample : PB90444BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90444BSD

Manual Integrations APPROVED
sohil
5/11/2016 8:15:38 PM

Quant Time: May 11 04:51:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	152985	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	653752	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	314810	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	568626	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	395066	20.00	ng		0.00
86) Perylene-d12	15.20	264	372565	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	753342	83.39	ng		0.00
7) Phenol-d6	6.35	99	1034623	85.70	ng		-0.01
23) Nitrobenzene-d5	7.26	82	1019715	78.32	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	258073	77.43	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	1613404	86.13	ng		0.00
78) Terphenyl-d14	12.78	244	1524077	81.85	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	131744	29.71	ng	#	70
3) Pyridine	2.92	79	376605	34.74	ng	#	68
4) n-Nitrosodimethylamine	2.88	42	293037	37.27	ng	#	50
6) Aniline	6.35	93	309737	21.21	ng	#	19
8) 2-Chlorophenol	6.48	128	427404	39.21	ng		94
9) Benzaldehyde	6.24	77	39699	5.68	ng		95
10) Phenol	6.36	94	546906	38.11	ng		79
11) bis(2-Chloroethyl)ether	6.43	93	431005m	38.52	ng		
12) 1,3-Dichlorobenzene	6.62	146	441810	37.45	ng		98
13) 1,4-Dichlorobenzene	6.70	146	442981	36.82	ng		98
14) 1,2-Dichlorobenzene	6.85	146	401580	38.30	ng		97
15) Benzyl Alcohol	6.85	79	359236	43.09	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	903094	37.12	ng		97
17) 2-Methylphenol	6.97	107	351161	40.48	ng	#	84
18) Hexachloroethane	7.20	117	172217	38.05	ng	#	88
19) n-Nitroso-di-n-propylamine	7.12	70	353123	41.85	ng	#	74
20) 3+4-Methylphenols	7.13	107	470243	41.51	ng	#	61
22) Acetophenone	7.10	105	599227	38.81	ng		98
24) Nitrobenzene	7.28	77	471413	35.20	ng		96
25) Isophorone	7.52	82	863405	35.74	ng		99
26) 2-Nitrophenol	7.60	139	230548	39.16	ng	#	83
27) 2,4-Dimethylphenol	7.65	122	385208	38.41	ng		95
28) bis(2-Chloroethoxy)methane	7.73	93	522007	40.06	ng		99
29) 2,4-Dichlorophenol	7.85	162	358069	40.57	ng		96
30) 1,2,4-Trichlorobenzene	7.92	180	374633	37.96	ng		97
31) Naphthalene	8.00	128	1255576	38.34	ng		99
32) Benzoic acid	7.80	122	206542	35.07	ng	#	82
33) 4-Chloroaniline	8.06	127	129249	10.16	ng		97
34) Hexachlorobutadiene	8.11	225	202492	35.36	ng		98
35) Caprolactam	8.43	113	113479m	37.79	ng		
36) 4-Chloro-3-methylphenol	8.56	107	383812	35.85	ng		88
37) 2-Methylnaphthalene	8.68	142	764593	39.94	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	349794	38.22	ng	#	97
40) Hexachlorocyclopentadiene	8.84	237	388433	89.41	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	242046	39.55	ng		92
43) 2,4,5-Trichlorophenol	9.02	196	261263	41.28	ng	#	93
45) 1,1'-Biphenyl	9.15	154	966766	38.61	ng		97
46) 2-Chloronaphthalene	9.17	162	741913	37.82	ng		94
47) 2-Nitroaniline	9.29	65	277239	38.67	ng		92
48) Acenaphthylene	9.58	152	1082887	37.53	ng		99
49) Dimethylphthalate	9.46	163	899723	37.46	ng		99
50) 2,6-Dinitrotoluene	9.53	165	215011	42.54	ng	#	80
51) Acenaphthene	9.76	154	706748	39.37	ng		98
52) 3-Nitroaniline	9.70	138	90420	16.99	ng		96
53) 2,4-Dinitrophenol	9.80	184	201661	78.26	ng	#	70
54) Dibenzofuran	9.93	168	934066	40.54	ng		93
55) 4-Nitrophenol	9.88	139	243146	69.18	ng	#	51
56) 2,4-Dinitrotoluene	9.93	165	241856	38.66	ng	#	74
57) Fluorene	10.27	166	777928	39.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	210451	44.16	ng		98
59) Diethylphthalate	10.16	149	830780	35.50	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	368510	42.51	ng	#	76
61) 4-Nitroaniline	10.32	138	212817	41.64	ng		84
62) Azobenzene	10.42	77	1030567	40.81	ng		82
64) 4,6-Dinitro-2-methylphenol	10.34	198	154453	43.72	ng		91
65) n-Nitrosodiphenylamine	10.38	169	686847	39.32	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	228316	39.60	ng		99
67) Hexachlorobenzene	10.82	284	278557	41.34	ng		97
68) Atrazine	10.92	200	231164	39.61	ng		95
69) Pentachlorophenol	11.01	266	262060	84.16	ng		98
70) Phenanthrene	11.23	178	1274151	41.99	ng		100
71) Anthracene	11.28	178	1154786	37.21	ng		100
72) Carbazole	11.44	167	1016251	38.09	ng		98
73) Di-n-butylphthalate	11.77	149	1284607	39.43	ng	#	98
74) Fluoranthene	12.41	202	1228357	39.36	ng		97
76) Benzidine	12.54	184	204890	20.34	ng		95
77) Pyrene	12.64	202	1298364	42.93	ng		100
79) Butylbenzylphthalate	13.27	149	589013	46.04	ng		95
80) Benzo(a)anthracene	13.81	228	948400	42.76	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	237008	16.82	ng	#	97
82) Chrysene	13.86	228	1053833	46.71	ng		100
83) Bis(2-ethylhexyl)phthalate	13.83	149	731749	47.55	ng	#	99
84) Di-n-octyl phthalate	14.43	149	1279712	50.20	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.49	276	782916	41.71	ng		96
87) Benzo(b)fluoranthene	14.82	252	1139465m	47.06	ng		
88) Benzo(k)fluoranthene	14.85	252	681399m	34.37	ng		
89) Benzo(a)pyrene	15.15	252	837477	40.10	ng		98
90) Dibenzo(a,h)anthracene	16.50	278	653806	37.14	ng		98
91) Benzo(g,h,i)perylene	16.88	276	644622	36.04	ng		94

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

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