Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087312.D
Acq On : 23 May 2016 21:42
Operator : UM/SJ
Sample : PB90743BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90743BS

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5/24/2016 7:39:23 PM

Quant Time: May 24 18:03:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 01:40:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	140648	20.00	ng		0.00
21) Naphthalene-d8	9.64	136	579251	20.00	ng		0.00
38) Acenaphthene-d10	12.48	164	276710	20.00	ng		0.00
63) Phenanthrene-d10	14.88	188	512856	20.00	ng		0.00
75) Chrysene-d12	18.56	240	411204	20.00	ng		0.00
86) Perylene-d12	20.23	264	303160	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1000012	124.93	ng		0.02
7) Phenol-d6	7.16	99	1317404	121.81	ng		0.00
23) Nitrobenzene-d5	8.52	82	888935	77.34	ng		-0.01
41) 2,4,6-Tribromophenol	13.78	330	317726	119.49	ng		0.00
44) 2-Fluorobiphenyl	11.43	172	1519232	77.40	ng		0.00
78) Terphenyl-d14	17.21	244	1400666	72.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	122722	29.06	ng	#	59
3) Pyridine	2.65	79	291438	31.56	ng	#	68
4) n-Nitrosodimethylamine	2.62	42	258160	36.29	ng	#	48
6) Aniline	7.12	93	382197	27.32	ng		90
8) 2-Chlorophenol	7.29	128	392032	39.27	ng		88
9) Benzaldehyde	6.95	77	82301	13.78	ng		97
10) Phenol	7.18	94	449171	38.03	ng		85
11) bis(2-Chloroethyl)ether	7.26	93	367860	38.48	ng		89
12) 1,3-Dichlorobenzene	7.51	146	402478	36.97	ng	#	92
13) 1,4-Dichlorobenzene	7.63	146	415509m	37.17	ng		
14) 1,2-Dichlorobenzene	7.87	146	394135	38.12	ng		99
15) Benzyl Alcohol	7.91	79	356469	45.21	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.10	45	779547	36.24	ng		94
17) 2-Methylphenol	8.11	107	318418	39.80	ng	#	79
18) Hexachloroethane	8.39	117	155964	37.40	ng		96
19) n-Nitroso-di-n-propylamine	8.33	70	323072	40.05	ng	#	72
20) 3+4-Methylphenols	8.38	107	411711	42.57	ng	#	60
22) Acetophenone	8.30	105	568284	41.07	ng	#	98
24) Nitrobenzene	8.56	77	458597	37.80	ng		97
25) Isophorone	8.95	82	808454	39.22	ng		99
26) 2-Nitrophenol	9.06	139	200668	40.46	ng	#	78
27) 2,4-Dimethylphenol	9.20	122	356392	41.40	ng		88
28) bis(2-Chloroethoxy)methane	9.32	93	484370	41.72	ng	#	98
29) 2,4-Dichlorophenol	9.47	162	320429	41.30	ng		97
30) 1,2,4-Trichlorobenzene	9.56	180	342950	38.61	ng		97
31) Naphthalene	9.68	128	1136315	39.15	ng		99
32) Benzoic acid	9.52	122	162946	38.12	ng	#	81
33) 4-Chloroaniline	9.83	127	236258	22.10	ng		95
34) Hexachlorobutadiene	9.88	225	199938	37.03	ng		98
35) Caprolactam	10.44	113	97199m	42.92	ng		
36) 4-Chloro-3-methylphenol	10.68	107	371823	42.39	ng		94
37) 2-Methylnaphthalene	10.80	142	726381	40.06	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	11.07	216	325147	36.71	ng		98
40) Hexachlorocyclopentadiene	11.05	237	246842	69.17	ng		97

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42) 2,4,6-Trichlorophenol	11.30	196	198962	38.92	ng		94
43) 2,4,5-Trichlorophenol	11.38	196	203817	39.15	ng	#	91
45) 1,1'-Biphenyl	11.58	154	913141	39.20	ng		98
46) 2-Chloronaphthalene	11.59	162	664882	37.30	ng		93
47) 2-Nitroaniline	11.81	65	264521	41.19	ng	#	81
48) Acenaphthylene	12.25	152	1078236	38.21	ng		99
49) Dimethylphthalate	12.13	163	846723	38.20	ng		100
50) 2,6-Dinitrotoluene	12.22	165	175467	39.29	ng	#	77
51) Acenaphthene	12.54	154	657963	37.94	ng		97
52) 3-Nitroaniline	12.49	138	107269	23.40	ng	#	92
53) 2,4-Dinitrophenol	12.69	184	159592	70.65	ng		88
54) Dibenzofuran	12.82	168	978797	41.68	ng		99
55) 4-Nitrophenol	12.86	139	191201	87.44	ng	#	56
56) 2,4-Dinitrotoluene	12.88	165	238799	40.00	ng	#	92
57) Fluorene	13.37	166	775685	38.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.05	232	179928	44.92	ng		100
59) Diethylphthalate	13.28	149	826087	38.33	ng		99
60) 4-Chlorophenyl-phenylether	13.39	204	373268	37.59	ng		99
61) 4-Nitroaniline	13.50	138	158598	37.07	ng	#	70
62) Azobenzene	13.66	77	974660	43.59	ng		88
64) 4,6-Dinitro-2-methylphenol	13.54	198	122995	37.72	ng	#	46
65) n-Nitrosodiphenylamine	13.61	169	659918	39.79	ng		99
66) 4-Bromophenyl-phenylether	14.18	248	218396	38.93	ng		98
67) Hexachlorobenzene	14.25	284	225908	38.50	ng	#	66
68) Atrazine	14.53	200	214450	40.56	ng		94
69) Pentachlorophenol	14.62	266	153575	83.89	ng		97
70) Phenanthrene	14.91	178	1132377	39.86	ng		100
71) Anthracene	15.01	178	1156719	40.31	ng		99
72) Carbazole	15.29	167	1030700	42.11	ng		100
73) Di-n-butylphthalate	15.85	149	1287266	40.67	ng	#	99
74) Fluoranthene	16.66	202	1096213	38.48	ng		97
76) Benzidine	16.89	184	360145	34.04	ng		97
77) Pyrene	16.97	202	1151548	38.90	ng		99
79) Butylbenzylphthalate	17.87	149	505517	38.51	ng	#	73
80) Benzo(a)anthracene	18.55	228	914485	39.10	ng		99
81) 3,3'-Dichlorobenzidine	18.54	252	172712m	13.37	ng		
82) Chrysene	18.59	228	911561	39.27	ng		100
83) Bis(2-ethylhexyl)phthalate	18.62	149	724358	37.82	ng		96
84) Di-n-octyl phthalate	19.38	149	1155591	39.56	ng	#	86
85) Indeno(1,2,3-cd)pyrene	21.49	276	698491	37.54	ng		96
87) Benzo(b)fluoranthene	19.82	252	726521m	37.62	ng		
88) Benzo(k)fluoranthene	19.85	252	783987m	47.17	ng		
89) Benzo(a)pyrene	20.17	252	717246	42.94	ng	#	98
90) Dibenzo(a,h)anthracene	21.50	278	590663	41.46	ng	#	93
91) Benzo(g,h,i)perylene	21.85	276	592367	42.15	ng	#	91

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

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