Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087043.D
Acq On : 15 May 2016 2:29
Operator : UM/SJ
Sample : PB90575BSD
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90575BSD

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

Quant Time: May 16 05:59:57 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	144007	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	601379	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	285293	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	547122	20.00	ng		0.00
75) Chrysene-d12	13.76	240	345976	20.00	ng		0.00
86) Perylene-d12	15.11	264	309176	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	999018	117.48	ng		0.01
7) Phenol-d6	6.28	99	1268325	111.60	ng		0.00
23) Nitrobenzene-d5	7.19	82	883756	73.79	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	397067	131.47	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1420238	83.67	ng		0.00
78) Terphenyl-d14	12.71	244	1275286	78.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	140902	33.75	ng	#	67
3) Pyridine	2.78	79	396425	38.84	ng	#	59
4) n-Nitrosodimethylamine	2.74	42	302197	40.83	ng	#	48
6) Aniline	6.28	93	365788	26.61	ng	#	58
8) 2-Chlorophenol	6.40	128	400911	39.07	ng	#	80
9) Benzaldehyde	6.17	77	24124	3.67	ng		99
10) Phenol	6.30	94	574486	42.53	ng		78
11) bis(2-Chloroethyl)ether	6.36	93	441762	41.94	ng		95
12) 1,3-Dichlorobenzene	6.55	146	410664m	36.98	ng		
13) 1,4-Dichlorobenzene	6.63	146	423316	37.38	ng		94
14) 1,2-Dichlorobenzene	6.79	146	368430	37.33	ng		95
15) Benzyl Alcohol	6.78	79	367611	46.84	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.90	45	809650	35.36	ng	#	51
17) 2-Methylphenol	6.90	107	334664	40.99	ng	#	80
18) Hexachloroethane	7.12	117	164227	38.55	ng		98
19) n-Nitroso-di-n-propylamine	7.05	70	334973	42.18	ng	#	81
20) 3+4-Methylphenols	7.06	107	442081	41.46	ng	#	60
22) Acetophenone	7.04	105	593737	41.80	ng		97
24) Nitrobenzene	7.21	77	488898	39.68	ng		94
25) Isophorone	7.45	82	855765	38.51	ng		98
26) 2-Nitrophenol	7.53	139	209806	38.74	ng		96
27) 2,4-Dimethylphenol	7.59	122	370460	40.16	ng		94
28) bis(2-Chloroethoxy)methane	7.67	93	526689	43.94	ng		98
29) 2,4-Dichlorophenol	7.78	162	337664	41.59	ng		94
30) 1,2,4-Trichlorobenzene	7.85	180	350536	38.61	ng		99
31) Naphthalene	7.92	128	1124764	37.34	ng		99
32) Benzoic acid	7.74	122	204840	37.81	ng	#	80
33) 4-Chloroaniline	7.99	127	239750	20.48	ng	#	94
34) Hexachlorobutadiene	8.04	225	209537	39.78	ng		99
35) Caprolactam	8.36	113	108164m	39.15	ng		
36) 4-Chloro-3-methylphenol	8.49	107	369626	37.54	ng		88
37) 2-Methylnaphthalene	8.62	142	795945	45.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	302354	36.45	ng		97
40) Hexachlorocyclopentadiene	8.76	237	279725	71.05	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	209657	37.80	ng		94
43) 2,4,5-Trichlorophenol	8.96	196	212209	36.99	ng		97
45) 1,1'-Biphenyl	9.08	154	938687	41.37	ng		99
46) 2-Chloronaphthalene	9.10	162	704967	39.65	ng		92
47) 2-Nitroaniline	9.21	65	272123	41.88	ng	#	74
48) Acenaphthylene	9.51	152	1067940	40.84	ng		99
49) Dimethylphthalate	9.39	163	875242	40.21	ng		100
50) 2,6-Dinitrotoluene	9.45	165	180291	39.36	ng	#	65
51) Acenaphthene	9.68	154	636898	39.15	ng		99
52) 3-Nitroaniline	9.62	138	126321	26.20	ng	#	77
53) 2,4-Dinitrophenol	9.74	184	142085	62.55	ng	#	85
54) Dibenzofuran	9.86	168	940438	45.04	ng		98
55) 4-Nitrophenol	9.82	139	219623m	68.97	ng		
56) 2,4-Dinitrotoluene	9.86	165	250206	44.14	ng		90
57) Fluorene	10.19	166	698346	39.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	202379	46.86	ng		95
59) Diethylphthalate	10.09	149	883628	41.66	ng		98
60) 4-Chlorophenyl-phenylether	10.19	204	355467	46.18	ng		93
61) 4-Nitroaniline	10.24	138	166779	36.01	ng	#	68
62) Azobenzene	10.35	77	1065637	46.57	ng		87
64) 4,6-Dinitro-2-methylphenol	10.27	198	115352	33.94	ng		88
65) n-Nitrosodiphenylamine	10.32	169	719567	42.81	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	217243	39.16	ng	#	74
67) Hexachlorobenzene	10.74	284	264055	40.73	ng	#	87
68) Atrazine	10.86	200	223490	39.80	ng		95
69) Pentachlorophenol	10.95	266	228000	76.10	ng		96
70) Phenanthrene	11.15	178	1202979	41.20	ng		100
71) Anthracene	11.20	178	1102062	36.91	ng		100
72) Carbazole	11.37	167	1119477	43.61	ng		100
73) Di-n-butylphthalate	11.70	149	1291355	41.20	ng	#	99
74) Fluoranthene	12.33	202	1098175	36.57	ng		98
76) Benzidine	12.47	184	321884	36.49	ng		96
77) Pyrene	12.56	202	1193315	45.05	ng		100
79) Butylbenzylphthalate	13.19	149	500686	44.69	ng	#	70
80) Benzo(a)anthracene	13.75	228	855888	44.07	ng		98
81) 3,3'-Dichlorobenzidine	13.71	252	194243	15.74	ng	#	98
82) Chrysene	13.78	228	914424	46.28	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	631850	46.88	ng	#	96
84) Di-n-octyl phthalate	14.35	149	1091239	48.88	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.37	276	766937	46.66	ng		94
87) Benzo(b)fluoranthene	14.74	252	714454m	35.56	ng		
88) Benzo(k)fluoranthene	14.77	252	715334m	43.48	ng		
89) Benzo(a)pyrene	15.06	252	715685	41.29	ng	#	98
90) Dibenzo(a,h)anthracene	16.37	278	632507	43.30	ng		98
91) Benzo(g,h,i)perylene	16.73	276	647139	43.60	ng	#	92

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

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