Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086866.D
Acq On : 10 May 2016 18:16
Operator : UM/SJ
Sample : PB90456BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90456BS

Manual Integrations APPROVED
sohil
5/11/2016 8:17:27 PM

Quant Time: May 11 04:53:42 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	152946	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	650879	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	307349	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	568007	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	373837	20.00	ng		-0.01
86) Perylene-d12	15.20	264	356943	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1016002	112.50	ng		0.00
7) Phenol-d6	6.35	99	1414200	117.17	ng		-0.01
23) Nitrobenzene-d5	7.26	82	1006627	77.66	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	405240	124.54	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1629122	89.08	ng		0.00
78) Terphenyl-d14	12.78	244	1474329	83.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	153315	34.58	ng	#	72
3) Pyridine	2.93	79	373880	34.49	ng	#	65
4) n-Nitrosodimethylamine	2.89	42	305068	38.81	ng	#	53
6) Aniline	6.36	93	317249	21.73	ng	#	1
8) 2-Chlorophenol	6.48	128	444083	40.75	ng		94
9) Benzaldehyde	6.24	77	38133	5.46	ng		91
10) Phenol	6.36	94	612483	42.69	ng		75
11) bis(2-Chloroethyl)ether	6.43	93	443383m	39.64	ng		
12) 1,3-Dichlorobenzene	6.62	146	460155	39.02	ng		99
13) 1,4-Dichlorobenzene	6.70	146	459299	38.19	ng		98
14) 1,2-Dichlorobenzene	6.85	146	407428	38.87	ng		97
15) Benzyl Alcohol	6.85	79	376396	45.16	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	923586	37.97	ng		96
17) 2-Methylphenol	6.97	107	372367	42.94	ng	#	83
18) Hexachloroethane	7.20	117	180295	39.84	ng	#	91
19) n-Nitroso-di-n-propylamine	7.12	70	367787	43.60	ng	#	72
20) 3+4-Methylphenols	7.13	107	489944	43.26	ng	#	60
22) Acetophenone	7.10	105	618244	40.21	ng	#	97
24) Nitrobenzene	7.28	77	486322	36.47	ng		97
25) Isophorone	7.52	82	918978	38.21	ng		98
26) 2-Nitrophenol	7.60	139	243003	41.46	ng	#	82
27) 2,4-Dimethylphenol	7.65	122	413024	41.37	ng		95
28) bis(2-Chloroethoxy)methane	7.73	93	544684	41.99	ng		98
29) 2,4-Dichlorophenol	7.85	162	383227	43.61	ng		96
30) 1,2,4-Trichlorobenzene	7.92	180	393266	40.02	ng		96
31) Naphthalene	8.00	128	1318539	40.44	ng		99
32) Benzoic acid	7.80	122	222358	37.92	ng	#	80
33) 4-Chloroaniline	8.06	127	124090	9.80	ng		97
34) Hexachlorobutadiene	8.11	225	212275	37.23	ng		98
35) Caprolactam	8.44	113	120715m	40.37	ng		
36) 4-Chloro-3-methylphenol	8.56	107	419405	39.35	ng		89
37) 2-Methylnaphthalene	8.68	142	798572m	41.90	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	367359	41.11	ng		97
40) Hexachlorocyclopentadiene	8.84	237	397587	93.74	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	260534	43.60	ng		93
43) 2,4,5-Trichlorophenol	9.02	196	274709	44.45	ng	#	92
45) 1,1'-Biphenyl	9.15	154	995059	40.70	ng		97
46) 2-Chloronaphthalene	9.17	162	767016	40.05	ng		94
47) 2-Nitroaniline	9.29	65	305112	43.59	ng		96
48) Acenaphthylene	9.58	152	1111977	39.47	ng		99
49) Dimethylphthalate	9.46	163	998559	42.59	ng		99
50) 2,6-Dinitrotoluene	9.53	165	238712	48.37	ng		87
51) Acenaphthene	9.76	154	733139	41.83	ng		99
52) 3-Nitroaniline	9.70	138	98313	18.92	ng		99
53) 2,4-Dinitrophenol	9.80	184	217007	85.47	ng	#	69
54) Dibenzofuran	9.93	168	982941	43.69	ng		93
55) 4-Nitrophenol	9.88	139	238347	69.44	ng	#	42
56) 2,4-Dinitrotoluene	9.93	165	248007	40.61	ng	#	71
57) Fluorene	10.27	166	782495	40.79	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	211897	45.55	ng		96
59) Diethylphthalate	10.16	149	887259	38.83	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	393448	47.90	ng	#	80
61) 4-Nitroaniline	10.32	138	215709	43.23	ng	#	77
62) Azobenzene	10.43	77	1132016	45.92	ng		87
64) 4,6-Dinitro-2-methylphenol	10.34	198	162707	46.11	ng		86
65) n-Nitrosodiphenylamine	10.38	169	762240	43.68	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	234754	40.76	ng		95
67) Hexachlorobenzene	10.82	284	293428	43.60	ng		97
68) Atrazine	10.92	200	227919	39.10	ng		96
69) Pentachlorophenol	11.01	266	280548	90.19	ng		97
70) Phenanthrene	11.23	178	1336877	44.10	ng		100
71) Anthracene	11.28	178	1207527	38.95	ng		100
72) Carbazole	11.44	167	1092471	40.99	ng		98
73) Di-n-butylphthalate	11.77	149	1361520	41.84	ng	#	98
74) Fluoranthene	12.41	202	1266773	40.63	ng		97
76) Benzidine	12.54	184	383521	40.24	ng		96
77) Pyrene	12.64	202	1361561	47.57	ng		100
79) Butylbenzylphthalate	13.27	149	624574	51.59	ng		92
80) Benzo(a)anthracene	13.81	228	977934	46.60	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	229429	17.21	ng	#	96
82) Chrysene	13.86	228	1079623	50.57	ng		100
83) Bis(2-ethylhexyl)phthalate	13.83	149	734015	50.41	ng	#	99
84) Di-n-octyl phthalate	14.43	149	1349053	55.93	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.50	276	807822	45.48	ng		95
87) Benzo(b)fluoranthene	14.82	252	1201840m	51.81	ng		
88) Benzo(k)fluoranthene	14.85	252	658353m	34.66	ng		
89) Benzo(a)pyrene	15.15	252	853660	42.66	ng		98
90) Dibenzo(a,h)anthracene	16.50	278	671092	39.80	ng		98
91) Benzo(g,h,i)perylene	16.88	276	671725	39.20	ng	#	93

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

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