Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086748.D
Acq On : 7 May 2016 2:47
Operator : UM/SJ
Sample : PB90223BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 07 04:29:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 03:18:46 2016
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : PB90223BS

Manual Integrations APPROVED
Sohil
5/9/2016 7:17:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	170826	40.00	ng		0.00
21) Naphthalene-d8	8.00	136	711216	40.00	ng		0.00
38) Acenaphthene-d10	9.74	164	337278	40.00	ng		0.00
63) Phenanthrene-d10	11.22	188	584901	40.00	ng		-0.01
75) Chrysene-d12	13.86	240	376982	40.00	ng		0.00
86) Perylene-d12	15.23	264	333856	40.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1170248	113.41	ng		0.00
7) Phenol-d6	6.37	99	1582494	113.85	ng		-0.01
23) Nitrobenzene-d5	7.28	82	1155818	83.51	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	423897	128.48	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	1782586	86.64	ng		-0.01
78) Terphenyl-d14	12.81	244	1534030	82.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	146538	27.48	ng	#	69
3) Pyridine	3.05	79	450601	34.46	ng	#	65
4) n-Nitrosodimethylamine	2.94	42	318067	40.10	ng	#	49
6) Aniline	6.38	93	377191	21.99	ng	#	1
8) 2-Chlorophenol	6.50	128	475245	38.38	ng		89
9) Benzaldehyde	6.26	77	62550	9.02	ng		97
10) Phenol	6.38	94	504137	33.15	ng	#	46
11) bis(2-Chloroethyl)ether	6.45	93	444129	33.93	ng		85
12) 1,3-Dichlorobenzene	6.65	146	497350	37.83	ng		98
13) 1,4-Dichlorobenzene	6.73	146	503281	37.02	ng		99
14) 1,2-Dichlorobenzene	6.88	146	446424	37.71	ng		97
15) Benzyl Alcohol	6.86	79	407930	45.36	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.00	45	993434	37.12	ng		98
17) 2-Methylphenol	6.99	107	391877	39.30	ng	#	82
18) Hexachloroethane	7.22	117	198704	38.71	ng	#	86
19) n-Nitroso-di-n-propylamine	7.14	70	366020	38.54	ng	#	68
20) 3+4-Methylphenols	7.15	107	518785	44.44	ng	#	60
22) Acetophenone	7.13	105	679158	40.98	ng	#	98
24) Nitrobenzene	7.30	77	538150	37.61	ng		98
25) Isophorone	7.55	82	1012061	39.27	ng		96
26) 2-Nitrophenol	7.62	139	269302	42.18	ng	#	88
27) 2,4-Dimethylphenol	7.68	122	430844	38.43	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	602939	42.50	ng		98
29) 2,4-Dichlorophenol	7.87	162	408329	42.36	ng		92
30) 1,2,4-Trichlorobenzene	7.94	180	437849	40.72	ng		98
31) Naphthalene	8.02	128	1460580	40.20	ng		99
32) Benzoic acid	7.82	122	272303	59.76	ng	#	83
33) 4-Chloroaniline	8.08	127	167624	11.91	ng	#	94
34) Hexachlorobutadiene	8.13	225	242924	39.79	ng		99
35) Caprolactam	8.48	113	135421m	45.39	ng		
36) 4-Chloro-3-methylphenol	8.58	107	441100	40.11	ng		92
37) 2-Methylnaphthalene	8.70	142	884786m	41.27	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	395708	40.53	ng		97
40) Hexachlorocyclopentadiene	8.85	237	455279	99.55	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	274081	44.15	ng		97
43) 2,4,5-Trichlorophenol	9.05	196	297937	45.94	ng		96
45) 1,1'-Biphenyl	9.17	154	1161735	42.13	ng		97
46) 2-Chloronaphthalene	9.20	162	878579	41.29	ng		95
47) 2-Nitroaniline	9.30	65	293506	38.80	ng	#	72
48) Acenaphthylene	9.61	152	1242911	39.35	ng		99
49) Dimethylphthalate	9.48	163	984022	39.14	ng		99
50) 2,6-Dinitrotoluene	9.55	165	222788	41.29	ng	#	67
51) Acenaphthene	9.78	154	818962	39.30	ng		99
52) 3-Nitroaniline	9.72	138	110553	18.02	ng		95
53) 2,4-Dinitrophenol	9.82	184	206572	87.70	ng		92
54) Dibenzofuran	9.95	168	1040835	40.30	ng		93
55) 4-Nitrophenol	9.90	139	273832	76.57	ng	#	50
56) 2,4-Dinitrotoluene	9.95	165	284155	42.49	ng	#	87
57) Fluorene	10.29	166	900149	43.00	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	234260	49.18	ng		96
59) Diethylphthalate	10.18	149	924167	38.83	ng		99
60) 4-Chlorophenyl-phenylether	10.28	204	397537	39.95	ng		96
61) 4-Nitroaniline	10.34	138	226599	38.45	ng	#	80
62) Azobenzene	10.44	77	1105978	41.94	ng		84
64) 4,6-Dinitro-2-methylphenol	10.35	198	141354	47.86	ng	#	22
65) n-Nitrosodiphenylamine	10.41	169	746571	40.20	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	249953	43.00	ng		99
67) Hexachlorobenzene	10.83	284	290365	40.96	ng	#	63
68) Atrazine	10.94	200	231951	40.75	ng		95
69) Pentachlorophenol	11.04	266	289128	83.76	ng		98
70) Phenanthrene	11.25	178	1353985	43.10	ng		100
71) Anthracene	11.30	178	1275692	38.78	ng		99
72) Carbazole	11.46	167	1073845	37.59	ng		98
73) Di-n-butylphthalate	11.79	149	1386046	40.87	ng	#	97
74) Fluoranthene	12.43	202	1257543	39.94	ng		97
76) Benzidine	12.57	184	309565	32.64	ng		95
77) Pyrene	12.66	202	1333476	44.37	ng		100
79) Butylbenzylphthalate	13.29	149	608184	48.31	ng	#	85
80) Benzo(a)anthracene	13.84	228	939931	44.09	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	159483	11.90	ng	#	97
82) Chrysene	13.88	228	1033202	45.42	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	755358	51.85	ng		98
84) Di-n-octyl phthalate	14.45	149	1264998	59.01	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.53	276	814895	41.76	ng		96
87) Benzo(b)fluoranthene	14.85	252	984573m	49.08	ng		
88) Benzo(k)fluoranthene	14.88	252	727278m	38.48	ng		
89) Benzo(a)pyrene	15.17	252	797868	43.18	ng	#	96
90) Dibenzo(a,h)anthracene	16.55	278	688916	38.81	ng		96
91) Benzo(g,h,i)perylene	16.92	276	678656	36.42	ng	#	92

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

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