Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
Data File : BF084306.D
Acq On : 7 Jan 2016 15:38
Operator : SJ/UM
Sample : PB87680BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87680BS

Manual Integrations APPROVED
UMANGI
1/8/2016 10:42:54 AM

Quant Time: Jan 08 00:53:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	242619	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	1016855	20.00	ng		-0.03
38) Acenaphthene-d10	9.92	164	466108	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	845720	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	705435	20.00	ng		-0.03
86) Perylene-d12	15.46	264	577140	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1866598	124.44	ng		0.00
7) Phenol-d6	6.52	99	2220122	117.85	ng		-0.01
23) Nitrobenzene-d5	7.44	82	1342319	73.47	ng		-0.03
41) 2,4,6-Tribromophenol	10.70	330	553416	117.60	ng		-0.03
44) 2-Fluorobiphenyl	9.23	172	2242392	84.60	ng		-0.03
78) Terphenyl-d14	12.98	244	2059927	65.18	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	241917	34.05	ng	#	78
3) Pyridine	3.26	79	685943	34.62	ng	#	76
4) n-Nitrosodimethylamine	3.22	42	384329	37.79	ng		83
6) Aniline	6.53	93	546576	19.83	ng	#	1
8) 2-Chlorophenol	6.66	128	725301	42.62	ng		92
9) Benzaldehyde	6.41	77	193409	15.77	ng		92
10) Phenol	6.53	94	981596	45.83	ng		94
11) bis(2-Chloroethyl)ether	6.61	93	702455	42.34	ng		91
12) 1,3-Dichlorobenzene	6.81	146	687156	39.14	ng	#	94
13) 1,4-Dichlorobenzene	6.89	146	735694	41.79	ng		95
14) 1,2-Dichlorobenzene	7.04	146	611246	36.26	ng		95
15) Benzyl Alcohol	7.01	79	590127	37.24	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1096656	36.29	ng		86
17) 2-Methylphenol	7.14	107	613282	43.00	ng		95
18) Hexachloroethane	7.38	117	269215	38.24	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	460673	36.12	ng	#	70
20) 3+4-Methylphenols	7.29	107	671673	40.06	ng	#	60
22) Acetophenone	7.29	105	980536	40.10	ng	#	90
24) Nitrobenzene	7.46	77	821193	44.31	ng		95
25) Isophorone	7.70	82	1396258	39.96	ng		99
26) 2-Nitrophenol	7.77	139	360888	42.79	ng	#	74
27) 2,4-Dimethylphenol	7.81	122	666599	39.05	ng		96
28) bis(2-Chloroethoxy)methane	7.92	93	845919	39.63	ng	#	96
29) 2,4-Dichlorophenol	8.02	162	569795	40.07	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	609768	41.54	ng		96
31) Naphthalene	8.18	128	1881267	40.78	ng		99
32) Benzoic acid	7.94	122	331754	32.52	ng		93
33) 4-Chloroaniline	8.22	127	199842	9.45	ng		97
34) Hexachlorobutadiene	8.29	225	331378	39.27	ng		97
35) Caprolactam	8.60	113	183281m	38.23	ng		
36) 4-Chloro-3-methylphenol	8.72	107	668813	41.99	ng		92
37) 2-Methylnaphthalene	8.86	142	1253336	37.84	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	556689	41.54	ng		98
40) Hexachlorocyclopentadiene	9.02	237	644204	79.64	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	397407	39.64	ng		95
43) 2,4,5-Trichlorophenol	9.20	196	422435	43.96	ng	#	93
45) 1,1'-Biphenyl	9.33	154	1496786	40.40	ng		100
46) 2-Chloronaphthalene	9.36	162	1114298	38.29	ng		96
47) 2-Nitroaniline	9.46	65	467824	48.71	ng	#	87
48) Acenaphthylene	9.78	152	1833742	42.66	ng		98
49) Dimethylphthalate	9.64	163	1481966	44.47	ng	#	91
50) 2,6-Dinitrotoluene	9.70	165	316634	43.32	ng	#	60
51) Acenaphthene	9.95	154	1323230	45.89	ng		97
52) 3-Nitroaniline	9.87	138	217192	23.98	ng	#	75
53) 2,4-Dinitrophenol	9.97	184	273636	87.54	ng	#	88
54) Dibenzofuran	10.12	168	1714577	45.97	ng		99
55) 4-Nitrophenol	10.04	139	460650	70.08	ng	#	77
56) 2,4-Dinitrotoluene	10.10	165	380428	41.13	ng	#	84
57) Fluorene	10.46	166	1249737	43.18	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	330749	40.31	ng		95
59) Diethylphthalate	10.34	149	1377684	41.93	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	612110	51.35	ng		100
61) 4-Nitroaniline	10.49	138	362242	44.87	ng		92
62) Azobenzene	10.61	77	1560441	43.30	ng		94
64) 4,6-Dinitro-2-methylphenol	10.51	198	208908	40.44	ng		88
65) n-Nitrosodiphenylamine	10.58	169	1150170	42.54	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	409818	45.02	ng		94
67) Hexachlorobenzene	11.00	284	388198	37.89	ng	#	82
68) Atrazine	11.10	200	402606	45.50	ng		98
69) Pentachlorophenol	11.21	266	398042	74.93	ng		98
70) Phenanthrene	11.42	178	1908754	43.15	ng		98
71) Anthracene	11.47	178	1808203	41.70	ng		97
72) Carbazole	11.63	167	1807007	42.62	ng		98
73) Di-n-butylphthalate	11.96	149	2135601	48.27	ng	#	96
74) Fluoranthene	12.60	202	1822473	39.44	ng		98
76) Benzidine	12.73	184	789493	31.21	ng		99
77) Pyrene	12.83	202	1856479	33.54	ng		99
79) Butylbenzylphthalate	13.46	149	981231	40.96	ng		98
80) Benzo(a)anthracene	14.02	228	1556672	37.58	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	318159	22.01	ng	#	96
82) Chrysene	14.05	228	1452623	36.50	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1193026	39.42	ng	#	95
84) Di-n-octyl phthalate	14.63	149	2010800	39.36	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.87	276	1391310	44.10	ng		100
87) Benzo(b)fluoranthene	15.05	252	1398300m	37.04	ng		
88) Benzo(k)fluoranthene	15.08	252	1466633m	47.50	ng		
89) Benzo(a)pyrene	15.40	252	1304744	40.74	ng	#	96
90) Dibenzo(a,h)anthracene	16.88	278	1144586	41.54	ng		99
91) Benzo(g,h,i)perylene	17.29	276	1159494	40.63	ng		98

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

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