Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086038.D
Acq On : 4 Apr 2016 15:03
Operator : UM/SJ
Sample : PB89407BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89407BS

Manual Integrations APPROVED
Sohil
4/5/2016 6:39:01 PM

Quant Time: Apr 05 01:23:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	119327	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	474053	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	229342	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	439484	20.00	ng		-0.01
75) Chrysene-d12	13.92	240	343917	20.00	ng		-0.01
86) Perylene-d12	15.32	264	310693	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	790208	113.19	ng		0.00
7) Phenol-d6	6.41	99	1018536	114.86	ng		-0.01
23) Nitrobenzene-d5	7.33	82	619577	77.08	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	254105	118.05	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1166426	84.56	ng		-0.01
78) Terphenyl-d14	12.86	244	1080352	73.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	101714	30.73	ng		99
3) Pyridine	3.07	79	277916	37.51	ng		98
4) n-Nitrosodimethylamine	3.02	42	123591	37.93	ng		99
6) Aniline	6.43	93	210034	18.05	ng	#	67
8) 2-Chlorophenol	6.54	128	304628	36.59	ng		89
9) Benzaldehyde	6.32	77	130930	27.44	ng		90
10) Phenol	6.42	94	328307	32.46	ng		92
11) bis(2-Chloroethyl)ether	6.50	93	278154	34.73	ng		93
12) 1,3-Dichlorobenzene	6.70	146	322502	36.55	ng		98
13) 1,4-Dichlorobenzene	6.77	146	323861	35.63	ng		98
14) 1,2-Dichlorobenzene	6.93	146	307896	36.80	ng		100
15) Benzyl Alcohol	6.92	79	230497	40.18	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.05	45	344940	35.25	ng		88
17) 2-Methylphenol	7.04	107	261570	39.85	ng		97
18) Hexachloroethane	7.26	117	121397	36.31	ng	#	80
19) n-Nitroso-di-n-propylamine	7.18	70	203911	37.10	ng		97
20) 3+4-Methylphenols	7.18	107	326987	40.96	ng		97
22) Acetophenone	7.18	105	413744	37.13	ng	#	94
24) Nitrobenzene	7.36	77	330278	37.56	ng	#	86
25) Isophorone	7.60	82	605424	38.15	ng	#	94
26) 2-Nitrophenol	7.66	139	162930	38.72	ng	#	80
27) 2,4-Dimethylphenol	7.71	122	274590	36.33	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	360606	38.73	ng		98
29) 2,4-Dichlorophenol	7.92	162	254540	39.84	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	273079	38.08	ng		95
31) Naphthalene	8.06	128	869497	36.46	ng		99
32) Benzoic acid	7.86	122	168635	30.42	ng		99
33) 4-Chloroaniline	8.13	127	83300	8.65	ng		97
34) Hexachlorobutadiene	8.19	225	143281	37.16	ng		99
35) Caprolactam	8.50	113	88324m	43.58	ng		
36) 4-Chloro-3-methylphenol	8.62	107	308583	42.97	ng		96
37) 2-Methylnaphthalene	8.76	142	599716	38.50	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	246905	35.82	ng		99
40) Hexachlorocyclopentadiene	8.91	237	186170	76.12	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	172537	38.98	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	174414	38.81	ng		96
45) 1,1'-Biphenyl	9.22	154	697456	35.27	ng		99
46) 2-Chloronaphthalene	9.25	162	547684	38.21	ng		98
47) 2-Nitroaniline	9.36	65	176856	42.17	ng		86
48) Acenaphthylene	9.66	152	883190	38.46	ng		99
49) Dimethylphthalate	9.53	163	662671	38.98	ng		99
50) 2,6-Dinitrotoluene	9.60	165	148122	41.19	ng		89
51) Acenaphthene	9.84	154	528353	38.69	ng		98
52) 3-Nitroaniline	9.77	138	76247	17.59	ng		91
53) 2,4-Dinitrophenol	9.88	184	135235	62.01	ng	#	84
54) Dibenzofuran	10.01	168	724776	40.19	ng		99
55) 4-Nitrophenol	9.95	139	218330	85.44	ng		83
56) 2,4-Dinitrotoluene	10.01	165	191579	42.16	ng	#	73
57) Fluorene	10.35	166	610686	39.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	147248	44.01	ng		95
59) Diethylphthalate	10.22	149	644176	37.55	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	269845	37.60	ng		99
61) 4-Nitroaniline	10.38	138	170388	39.92	ng		96
62) Azobenzene	10.50	77	688550	41.90	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	101255	38.02	ng	#	58
65) n-Nitrosodiphenylamine	10.46	169	540975	39.36	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	177917	39.65	ng		98
67) Hexachlorobenzene	10.90	284	189191	40.77	ng		98
68) Atrazine	10.99	200	164884	37.13	ng		96
69) Pentachlorophenol	11.09	266	168220	77.36	ng		98
70) Phenanthrene	11.31	178	933204	38.92	ng		100
71) Anthracene	11.36	178	894981	35.63	ng		99
72) Carbazole	11.52	167	789893	36.59	ng		99
73) Di-n-butylphthalate	11.85	149	1052894	39.36	ng		100
74) Fluoranthene	12.50	202	958010	38.42	ng		89
76) Benzidine	12.61	184	315185	25.98	ng		99
77) Pyrene	12.72	202	944677	38.98	ng		99
79) Butylbenzylphthalate	13.34	149	449977	41.23	ng		97
80) Benzo(a)anthracene	13.91	228	792138	39.07	ng		100
81) 3,3'-Dichlorobenzidine	13.87	252	102732	6.94	ng		98
82) Chrysene	13.95	228	768129	39.34	ng		100
83) Bis(2-ethylhexyl)phthalate	13.89	149	565118	39.02	ng		99
84) Di-n-octyl phthalate	14.51	149	1032868	44.66	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	599957	37.87	ng		99
87) Benzo(b)fluoranthene	14.92	252	928087m	47.49	ng		
88) Benzo(k)fluoranthene	14.96	252	528379m	30.53	ng		
89) Benzo(a)pyrene	15.27	252	687344	39.69	ng		99
90) Dibenzo(a,h)anthracene	16.68	278	509285	36.55	ng		99
91) Benzo(g,h,i)perylene	17.08	276	474278	35.18	ng		94

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

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