Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085471.D
Acq On : 16 Mar 2016 19:38
Operator : UM/SJ
Sample : PB88925BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88925BS

Manual Integrations APPROVED
Sohil
3/17/2016 5:20:02 PM

Quant Time: Mar 17 00:08:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139905	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	541459	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	260498	20.00	ng		-0.01
63) Phenanthrene-d10	11.43	188	492538	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	376898	20.00	ng		-0.01
86) Perylene-d12	15.51	264	242998	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	975416	119.85	ng		0.00
7) Phenol-d6	6.54	99	1275468	120.81	ng		-0.01
23) Nitrobenzene-d5	7.46	82	849432	92.76	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	314121	130.92	ng		-0.02
44) 2-Fluorobiphenyl	9.27	172	1460109	97.24	ng		-0.01
78) Terphenyl-d14	13.02	244	1465250	87.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	140627	34.63	ng		98
3) Pyridine	3.36	79	357804	37.11	ng		97
4) n-Nitrosodimethylamine	3.29	42	176119	39.56	ng		97
6) Aniline	6.56	93	336463	23.09	ng		99
8) 2-Chlorophenol	6.69	128	406062	42.55	ng		98
9) Benzaldehyde	6.45	77	84848	14.39	ng		94
10) Phenol	6.55	94	538100	45.47	ng		97
11) bis(2-Chloroethyl)ether	6.64	93	401797	44.15	ng		98
12) 1,3-Dichlorobenzene	6.85	146	419450	39.66	ng		98
13) 1,4-Dichlorobenzene	6.92	146	410319	38.73	ng		99
14) 1,2-Dichlorobenzene	7.08	146	410626	44.17	ng		97
15) Benzyl Alcohol	7.04	79	324833	43.08	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	491098	39.63	ng		97
17) 2-Methylphenol	7.16	107	320644	40.14	ng		95
18) Hexachloroethane	7.42	117	160611	41.33	ng		96
19) n-Nitroso-di-n-propylamine	7.32	70	248532	39.31	ng	#	91
20) 3+4-Methylphenols	7.32	107	408877	47.74	ng	#	78
22) Acetophenone	7.32	105	507958	38.28	ng	#	96
24) Nitrobenzene	7.49	77	435415	42.20	ng		96
25) Isophorone	7.73	82	780605	41.80	ng		98
26) 2-Nitrophenol	7.81	139	233612	47.26	ng	#	88
27) 2,4-Dimethylphenol	7.84	122	379733	43.19	ng		95
28) bis(2-Chloroethoxy)methane	7.94	93	473959	42.45	ng	#	97
29) 2,4-Dichlorophenol	8.05	162	334184	46.85	ng		93
30) 1,2,4-Trichlorobenzene	8.13	180	328511	39.86	ng		98
31) Naphthalene	8.21	128	1099470	41.56	ng		99
32) Benzoic acid	7.96	122	182933	36.18	ng		98
33) 4-Chloroaniline	8.25	127	115721	10.17	ng		96
34) Hexachlorobutadiene	8.33	225	183737	42.65	ng		99
35) Caprolactam	8.63	113	113670m	48.81	ng		
36) 4-Chloro-3-methylphenol	8.74	107	358264	43.99	ng		99
37) 2-Methylnaphthalene	8.90	142	795988	47.51	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	306586	37.84	ng		98
40) Hexachlorocyclopentadiene	9.05	237	328051	83.78	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	221776	41.45	ng		95
43) 2,4,5-Trichlorophenol	9.22	196	234639	43.41	ng		98
45) 1,1'-Biphenyl	9.37	154	909514	42.77	ng		94
46) 2-Chloronaphthalene	9.40	162	712654	44.73	ng		97
47) 2-Nitroaniline	9.49	65	221830	45.98	ng		87
48) Acenaphthylene	9.81	152	1077807	41.82	ng		99
49) Dimethylphthalate	9.67	163	823257	43.32	ng		100
50) 2,6-Dinitrotoluene	9.73	165	163896	39.03	ng	#	81
51) Acenaphthene	9.98	154	717107	44.26	ng		98
52) 3-Nitroaniline	9.90	138	112409	22.39	ng		100
53) 2,4-Dinitrophenol	10.01	184	160031	70.49	ng	#	29
54) Dibenzofuran	10.15	168	910334	45.73	ng		99
55) 4-Nitrophenol	10.07	139	337110	97.55	ng		85
56) 2,4-Dinitrotoluene	10.14	165	277058	52.61	ng	#	82
57) Fluorene	10.49	166	706800	44.53	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	174073	46.91	ng		97
59) Diethylphthalate	10.37	149	793861	43.15	ng		96
60) 4-Chlorophenyl-phenylether	10.48	204	326654	40.05	ng		93
61) 4-Nitroaniline	10.52	138	213409	45.21	ng		96
62) Azobenzene	10.64	77	855982	46.85	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	111072	37.75	ng	#	36
65) n-Nitrosodiphenylamine	10.61	169	684077	45.07	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	203074	40.74	ng		92
67) Hexachlorobenzene	11.04	284	213346	41.48	ng	#	84
68) Atrazine	11.13	200	228590	52.63	ng		97
69) Pentachlorophenol	11.24	266	231739	85.00	ng		99
70) Phenanthrene	11.45	178	1035619	40.37	ng		99
71) Anthracene	11.51	178	1216312	46.55	ng		99
72) Carbazole	11.66	167	955792	43.23	ng		99
73) Di-n-butylphthalate	11.99	149	1286657	46.98	ng		99
74) Fluoranthene	12.64	202	1146669	47.55	ng		99
76) Benzidine	12.76	184	341733	29.19	ng		98
77) Pyrene	12.87	202	1122997	39.73	ng		100
79) Butylbenzylphthalate	13.49	149	558713	45.20	ng	#	82
80) Benzo(a)anthracene	14.06	228	891110	41.24	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	88412	12.09	ng		98
82) Chrysene	14.09	228	809506	41.65	ng		100
83) Bis(2-ethylhexyl)phthalate	14.05	149	699331	46.38	ng	#	97
84) Di-n-octyl phthalate	14.65	149	1047081	47.57	ng		98
85) Indeno(1,2,3-cd)pyrene	16.95	276	668497	36.28	ng		97
87) Benzo(b)fluoranthene	15.09	252	772567	48.68	ng		99
88) Benzo(k)fluoranthene	15.12	252	540822m	43.51	ng		
89) Benzo(a)pyrene	15.45	252	614728	44.84	ng		99
90) Dibenzo(a,h)anthracene	16.96	278	559857	41.80	ng		98
91) Benzo(g,h,i)perylene	17.39	276	576794	42.17	ng		97

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

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