Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085033.D
Acq On : 12 Feb 2016 1:25
Operator : SJ/IZ
Sample : PB88306BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88306BS

Manual Integrations APPROVED
Sohil
2/12/2016 12:27:41 PM

Quant Time: Feb 12 04:29:48 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	139936	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	590075	20.00	ng		-0.02
38) Acenaphthene-d10	9.64	164	271603	20.00	ng		-0.02
63) Phenanthrene-d10	11.13	188	520178	20.00	ng		-0.01
75) Chrysene-d12	13.76	240	331301	20.00	ng		-0.01
86) Perylene-d12	15.11	264	288566	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1136079	126.45	ng		0.01
7) Phenol-d6	6.27	99	1340030	120.31	ng		-0.01
23) Nitrobenzene-d5	7.19	82	905356	86.43	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	387068	136.63	ng		-0.01
44) 2-Fluorobiphenyl	8.98	172	1538063	102.37	ng		-0.01
78) Terphenyl-d14	12.72	244	1462593	100.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	138723	35.25	ng	#	76
3) Pyridine	2.76	79	411657	40.15	ng	#	59
4) n-Nitrosodimethylamine	2.73	42	199598	37.64	ng		84
6) Aniline	6.27	93	402615	29.54	ng	#	86
8) 2-Chlorophenol	6.40	128	440935	43.36	ng		98
9) Benzaldehyde	6.15	77	106191	16.15	ng		96
10) Phenol	6.28	94	586493	47.01	ng		93
11) bis(2-Chloroethyl)ether	6.35	93	371417	38.17	ng	#	83
12) 1,3-Dichlorobenzene	6.55	146	434368m	40.43	ng		
13) 1,4-Dichlorobenzene	6.63	146	449536	41.85	ng		93
14) 1,2-Dichlorobenzene	6.78	146	366718	36.66	ng		96
15) Benzyl Alcohol	6.76	79	333855	43.41	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.90	45	617839	37.75	ng		93
17) 2-Methylphenol	6.89	107	326394	40.58	ng	#	90
18) Hexachloroethane	7.12	117	168176	40.66	ng		95
19) n-Nitroso-di-n-propylamine	7.04	70	279690	40.06	ng	#	73
20) 3+4-Methylphenols	7.05	107	435302	43.61	ng		90
22) Acetophenone	7.03	105	604381	38.86	ng	#	98
24) Nitrobenzene	7.20	77	398343	35.51	ng		95
25) Isophorone	7.45	82	810361	39.79	ng		97
26) 2-Nitrophenol	7.52	139	214262	38.73	ng	#	83
27) 2,4-Dimethylphenol	7.58	122	412136	42.83	ng		92
28) bis(2-Chloroethoxy)methane	7.67	93	537207	44.46	ng		99
29) 2,4-Dichlorophenol	7.77	162	372573	45.25	ng		98
30) 1,2,4-Trichlorobenzene	7.84	180	358210	38.52	ng		97
31) Naphthalene	7.92	128	1125378	38.02	ng		99
32) Benzoic acid	7.72	122	231108	37.55	ng		97
33) 4-Chloroaniline	7.98	127	283049	23.12	ng		98
34) Hexachlorobutadiene	8.04	225	211709	39.48	ng		98
35) Caprolactam	8.36	113	113841m	44.86	ng		
36) 4-Chloro-3-methylphenol	8.48	107	373467	39.76	ng		95
37) 2-Methylnaphthalene	8.62	142	827844	44.69	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	311501	36.11	ng		99
40) Hexachlorocyclopentadiene	8.76	237	264772	72.37	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	243399	43.80	ng		95
43) 2,4,5-Trichlorophenol	8.95	196	241573	42.78	ng	#	92
45) 1,1'-Biphenyl	9.08	154	970808	40.02	ng		94
46) 2-Chloronaphthalene	9.10	162	694250	38.86	ng		96
47) 2-Nitroaniline	9.21	65	245424	43.39	ng	#	63
48) Acenaphthylene	9.51	152	1054930	38.91	ng		98
49) Dimethylphthalate	9.39	163	873088	42.21	ng	#	91
50) 2,6-Dinitrotoluene	9.45	165	180968	40.05	ng	#	60
51) Acenaphthene	9.68	154	674967	38.27	ng		97
52) 3-Nitroaniline	9.62	138	159635	31.44	ng	#	72
53) 2,4-Dinitrophenol	9.74	184	149347	72.21	ng	#	82
54) Dibenzofuran	9.86	168	998626	46.33	ng		97
55) 4-Nitrophenol	9.80	139	244277	65.45	ng	#	78
56) 2,4-Dinitrotoluene	9.86	165	243605	42.26	ng	#	76
57) Fluorene	10.19	166	730913	40.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	194860	45.33	ng	#	86
59) Diethylphthalate	10.09	149	861288	42.64	ng		100
60) 4-Chlorophenyl-phenylether	10.19	204	345110	45.75	ng		95
61) 4-Nitroaniline	10.24	138	219380	44.33	ng	#	80
62) Azobenzene	10.35	77	930113	47.89	ng		92
64) 4,6-Dinitro-2-methylphenol	10.26	198	111514	34.73	ng	#	57
65) n-Nitrosodiphenylamine	10.32	169	734204	44.45	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	239717	41.72	ng		96
67) Hexachlorobenzene	10.74	284	250447	40.01	ng	#	91
68) Atrazine	10.86	200	258477	49.55	ng		95
69) Pentachlorophenol	10.95	266	214965	73.06	ng		99
70) Phenanthrene	11.15	178	1201550	41.65	ng		97
71) Anthracene	11.20	178	1135816	39.07	ng		99
72) Carbazole	11.37	167	1060334	41.83	ng	#	96
73) Di-n-butylphthalate	11.70	149	1185350	36.73	ng	#	97
74) Fluoranthene	12.33	202	1079232	36.96	ng		99
76) Benzidine	12.47	184	509952	44.42	ng		98
77) Pyrene	12.56	202	1098718	43.32	ng		99
79) Butylbenzylphthalate	13.20	149	521051	45.28	ng	#	82
80) Benzo(a)anthracene	13.75	228	883890	42.99	ng		100
81) 3,3'-Dichlorobenzidine	13.71	252	158400	21.76	ng	#	95
82) Chrysene	13.78	228	696293	34.92	ng		100
83) Bis(2-ethylhexyl)phthalate	13.76	149	663852	46.36	ng	#	96
84) Di-n-octyl phthalate	14.37	149	998632	42.27	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.37	276	790055	50.34	ng		98
87) Benzo(b)fluoranthene	14.75	252	919086m	47.40	ng		
88) Benzo(k)fluoranthene	14.78	252	517713m	32.29	ng		
89) Benzo(a)pyrene	15.06	252	679185	41.11	ng		98
90) Dibenzo(a,h)anthracene	16.38	278	647535	46.56	ng	#	94
91) Benzo(g,h,i)perylene	16.74	276	669046	47.76	ng	#	95

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

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