Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084793.D
Acq On : 3 Feb 2016 19:14
Operator : SJ/IZ
Sample : PB88148BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88148BS

Manual Integrations APPROVED
mohammad
2/4/2016 2:04:36 PM

Quant Time: Feb 04 00:47:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	186007	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	761468	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	353904	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	654057	20.00	ng		0.00
75) Chrysene-d12	13.84	240	454429	20.00	ng		0.00
86) Perylene-d12	15.21	264	358193	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1344658	112.60	ng		0.01
7) Phenol-d6	6.35	99	1756787	118.67	ng		0.01
23) Nitrobenzene-d5	7.26	82	1133647	83.87	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	449153	121.67	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1836078	88.64	ng		0.00
78) Terphenyl-d14	12.80	244	1776566	88.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	168103	32.14	ng	#	76
3) Pyridine	2.92	79	493793	36.23	ng	#	75
4) n-Nitrosodimethylamine	2.88	42	272654	38.68	ng	#	80
6) Aniline	6.35	93	453098	25.01	ng	#	62
8) 2-Chlorophenol	6.48	128	531134	39.29	ng		96
9) Benzaldehyde	6.22	77	187534	21.45	ng		91
10) Phenol	6.36	94	677878	40.87	ng		91
11) bis(2-Chloroethyl)ether	6.43	93	468379m	36.22	ng		
12) 1,3-Dichlorobenzene	6.62	146	520454	36.44	ng	#	94
13) 1,4-Dichlorobenzene	6.70	146	543594	38.08	ng		95
14) 1,2-Dichlorobenzene	6.85	146	468012	35.20	ng		94
15) Benzyl Alcohol	6.84	79	397811	38.91	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	749487	34.45	ng		89
17) 2-Methylphenol	6.97	107	439748	41.14	ng	#	92
18) Hexachloroethane	7.20	117	205728	37.42	ng		93
19) n-Nitroso-di-n-propylamine	7.12	70	341590	36.81	ng	#	75
20) 3+4-Methylphenols	7.12	107	533291	40.19	ng	#	72
22) Acetophenone	7.10	105	727787	36.26	ng		99
24) Nitrobenzene	7.28	77	489858	33.84	ng		96
25) Isophorone	7.53	82	992086	37.74	ng		96
26) 2-Nitrophenol	7.60	139	286762	40.17	ng	#	88
27) 2,4-Dimethylphenol	7.64	122	481674	38.79	ng		94
28) bis(2-Chloroethoxy)methane	7.73	93	600233	38.49	ng		99
29) 2,4-Dichlorophenol	7.85	162	432230	40.68	ng		94
30) 1,2,4-Trichlorobenzene	7.92	180	434342	36.19	ng		96
31) Naphthalene	8.00	128	1388943	36.36	ng		99
32) Benzoic acid	7.79	122	289514	36.45	ng		94
33) 4-Chloroaniline	8.05	127	202524	12.82	ng		96
34) Hexachlorobutadiene	8.12	225	265260	38.33	ng		99
35) Caprolactam	8.43	113	132752m	40.54	ng		
36) 4-Chloro-3-methylphenol	8.56	107	491517	40.55	ng		99
37) 2-Methylnaphthalene	8.69	142	1025662	42.90	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	383372	34.11	ng		98
40) Hexachlorocyclopentadiene	8.84	237	394431	79.64	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	311631	43.04	ng		94
43) 2,4,5-Trichlorophenol	9.02	196	270918	36.82	ng		93
45) 1,1'-Biphenyl	9.16	154	1148091	36.32	ng		95
46) 2-Chloronaphthalene	9.17	162	847244	36.40	ng		96
47) 2-Nitroaniline	9.28	65	264470	35.88	ng		98
48) Acenaphthylene	9.60	152	1325466	37.52	ng		98
49) Dimethylphthalate	9.47	163	1087729	40.35	ng	#	91
50) 2,6-Dinitrotoluene	9.53	165	241117	40.95	ng	#	74
51) Acenaphthene	9.77	154	872971	37.98	ng		96
52) 3-Nitroaniline	9.69	138	128526	19.42	ng		94
53) 2,4-Dinitrophenol	9.80	184	202718	74.98	ng	#	80
54) Dibenzofuran	9.94	168	1248908	44.46	ng		99
55) 4-Nitrophenol	9.88	139	355631	73.13	ng		88
56) 2,4-Dinitrotoluene	9.93	165	263594	35.10	ng	#	75
57) Fluorene	10.28	166	899169	38.33	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	228133	40.73	ng		91
59) Diethylphthalate	10.17	149	1049262	39.86	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	406143	40.48	ng		95
61) 4-Nitroaniline	10.30	138	232842	36.11	ng		92
62) Azobenzene	10.43	77	1069974	42.28	ng		90
64) 4,6-Dinitro-2-methylphenol	10.34	198	175491	43.47	ng		97
65) n-Nitrosodiphenylamine	10.40	169	860747	41.44	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	296095	40.99	ng		97
67) Hexachlorobenzene	10.82	284	289574	36.79	ng	#	87
68) Atrazine	10.93	200	284232	43.34	ng		91
69) Pentachlorophenol	11.02	266	297280	80.36	ng		99
70) Phenanthrene	11.23	178	1321241	36.42	ng		97
71) Anthracene	11.29	178	1492456	40.83	ng		99
72) Carbazole	11.45	167	1326773	41.63	ng		98
73) Di-n-butylphthalate	11.78	149	1408284	34.70	ng	#	96
74) Fluoranthene	12.42	202	1452651	39.56	ng		93
76) Benzidine	12.54	184	564737	35.06	ng		98
77) Pyrene	12.64	202	1392559	40.02	ng		99
79) Butylbenzylphthalate	13.28	149	666275	42.21	ng	#	85
80) Benzo(a)anthracene	13.83	228	1113997	39.50	ng		98
81) 3,3'-Dichlorobenzidine	13.79	252	182910	18.32	ng	#	94
82) Chrysene	13.86	228	1012028	37.00	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	833387	42.43	ng	#	97
84) Di-n-octyl phthalate	14.44	149	1253035	38.67	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.50	276	873850	40.59	ng		99
87) Benzo(b)fluoranthene	14.83	252	875155m	36.36	ng		
88) Benzo(k)fluoranthene	14.87	252	917507m	46.11	ng		
89) Benzo(a)pyrene	15.16	252	836207	40.78	ng	#	98
90) Dibenzo(a,h)anthracene	16.51	278	730341	42.31	ng		98
91) Benzo(g,h,i)perylene	16.89	276	752263	43.26	ng		99

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

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