Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081050.D
Acq On : 18 Aug 2015 19:15
Operator : UM/IZ
Sample : PB85016BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85016BS

Manual Integrations APPROVED
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8/19/2015 2:18:12 PM

Quant Time: Aug 19 01:23:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	60660	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	256080	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	118391	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	250975	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	213249	20.00	ng		-0.01
86) Perylene-d12	15.07	264	196599	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	452303	112.15	ng		0.00
7) Phenol-d6	6.26	99	614241	116.73	ng		0.00
23) Nitrobenzene-d5	7.18	82	354851	63.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	117422	114.42	ng		-0.02
44) 2-Fluorobiphenyl	8.97	172	568393	62.91	ng		-0.02
78) Terphenyl-d14	12.70	244	676816	68.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	47917	25.21	ng		95
3) Pyridine	2.70	79	148501	27.68	ng	#	83
4) n-Nitrosodimethylamine	2.64	42	94550	31.66	ng		85
6) Aniline	6.26	93	172902	22.60	ng	#	39
8) 2-Chlorophenol	6.39	128	145395	32.94	ng		96
9) Benzaldehyde	6.15	77	65158	19.21	ng		88
10) Phenol	6.27	94	249711	40.18	ng	#	79
11) bis(2-Chloroethyl)ether	6.35	93	166341	34.88	ng		95
12) 1,3-Dichlorobenzene	6.55	146	156587	33.01	ng		98
13) 1,4-Dichlorobenzene	6.63	146	158600	33.77	ng		98
14) 1,2-Dichlorobenzene	6.78	146	141542	32.20	ng		98
15) Benzyl Alcohol	6.76	79	157275	36.94	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.90	45	314964	33.61	ng		99
17) 2-Methylphenol	6.88	107	123015	32.48	ng		97
18) Hexachloroethane	7.12	117	62379	32.87	ng		98
19) n-Nitroso-di-n-propylamine	7.04	70	128954	35.38	ng		91
20) 3+4-Methylphenols	7.04	107	163465	34.00	ng	#	48
22) Acetophenone	7.03	105	221144	32.89	ng	#	89
24) Nitrobenzene	7.20	77	198660	33.89	ng		98
25) Isophorone	7.44	82	329527	31.52	ng		99
26) 2-Nitrophenol	7.52	139	81944	33.62	ng	#	63
27) 2,4-Dimethylphenol	7.56	122	150945	35.00	ng		93
28) bis(2-Chloroethoxy)methane	7.66	93	192201	31.12	ng		99
29) 2,4-Dichlorophenol	7.76	162	129943	35.79	ng		90
30) 1,2,4-Trichlorobenzene	7.84	180	125746	31.16	ng		99
31) Naphthalene	7.92	128	473187	33.15	ng		99
32) Benzoic acid	7.70	122	108480	44.72	ng		90
33) 4-Chloroaniline	7.96	127	74370	12.35	ng		97
34) Hexachlorobutadiene	8.04	225	75385	33.04	ng		96
35) Caprolactam	8.34	113	49023m	38.63	ng		
36) 4-Chloro-3-methylphenol	8.47	107	159695	36.91	ng		88
37) 2-Methylnaphthalene	8.60	142	294386	32.65	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	129333	33.86	ng		99
40) Hexachlorocyclopentadiene	8.76	237	144643	73.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	99203	36.76	ng		98
43) 2,4,5-Trichlorophenol	8.92	196	86082	31.92	ng	#	85
45) 1,1'-Biphenyl	9.07	154	396142	37.99	ng		98
46) 2-Chloronaphthalene	9.10	162	262500	31.33	ng		98
47) 2-Nitroaniline	9.19	65	105080	30.65	ng		100
48) Acenaphthylene	9.50	152	443096	29.57	ng		99
49) Dimethylphthalate	9.38	163	338891	34.76	ng		100
50) 2,6-Dinitrotoluene	9.44	165	78727	37.61	ng		91
51) Acenaphthene	9.67	154	280419	31.26	ng		99
52) 3-Nitroaniline	9.60	138	55768	21.29	ng		94
53) 2,4-Dinitrophenol	9.71	184	105235	87.95	ng	#	60
54) Dibenzofuran	9.85	168	407630	33.91	ng		97
55) 4-Nitrophenol	9.78	139	147337	80.08	ng	#	47
56) 2,4-Dinitrotoluene	9.84	165	106171	38.26	ng	#	84
57) Fluorene	10.18	166	294484	31.84	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	78300m	37.51	ng		
59) Diethylphthalate	10.08	149	388185	37.61	ng		97
60) 4-Chlorophenyl-phenylether	10.18	204	140582	35.92	ng		99
61) 4-Nitroaniline	10.22	138	93591	34.95	ng		92
62) Azobenzene	10.34	77	449696	37.81	ng		96
64) 4,6-Dinitro-2-methylphenol	10.24	198	53426	35.65	ng		97
65) n-Nitrosodiphenylamine	10.31	169	314327	35.09	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	83293	33.78	ng		96
67) Hexachlorobenzene	10.73	284	91240	36.54	ng		91
68) Atrazine	10.83	200	90968	36.44	ng		96
69) Pentachlorophenol	10.92	266	112021	74.77	ng		98
70) Phenanthrene	11.13	178	472139	31.74	ng		99
71) Anthracene	11.19	178	513262	35.46	ng		99
72) Carbazole	11.35	167	540457	38.78	ng		99
73) Di-n-butylphthalate	11.69	149	650804	38.60	ng		98
74) Fluoranthene	12.31	202	537388	33.48	ng		92
76) Benzidine	12.45	184	270036	33.52	ng		97
77) Pyrene	12.54	202	533038	30.75	ng		99
79) Butylbenzylphthalate	13.18	149	312907	41.99	ng	#	78
80) Benzo(a)anthracene	13.73	228	527191	36.86	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	105207	22.71	ng		98
82) Chrysene	13.76	228	492362	38.20	ng		98
83) Bis(2-ethylhexyl)phthalate	13.74	149	411039	43.06	ng	#	97
84) Di-n-octyl phthalate	14.34	149	721778	49.75	ng		99
85) Indeno(1,2,3-cd)pyrene	16.30	276	406194	44.89	ng	#	94
87) Benzo(b)fluoranthene	14.72	252	519332m	37.35	ng		
88) Benzo(k)fluoranthene	14.74	252	353362m	27.27	ng		
89) Benzo(a)pyrene	15.03	252	439433	36.27	ng		98
90) Dibenzo(a,h)anthracene	16.32	278	343727	36.41	ng		99
91) Benzo(g,h,i)perylene	16.66	276	323438	33.77	ng	#	87

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

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