Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
Data File : BF081128.D
Acq On : 20 Aug 2015 17:03
Operator : UM/IZ
Sample : PB85099BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Manual Integrations APPROVED
MMDadoda
8/21/2015 2:03:30 PM

Quant Time: Aug 21 01:55:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	68804	20.00	ng		-0.01
21) Naphthalene-d8	7.86	136	283532	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	136843	20.00	ng		-0.01
63) Phenanthrene-d10	11.08	188	261961	20.00	ng		-0.01
75) Chrysene-d12	13.71	240	207624	20.00	ng		0.00
86) Perylene-d12	15.03	264	156091	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	232837	50.90	ng		0.00
7) Phenol-d6	6.22	99	315747	52.90	ng		-0.01
23) Nitrobenzene-d5	7.14	82	293594	47.30	ng		-0.02
41) 2,4,6-Tribromophenol	10.39	330	54891	46.27	ng		-0.01
44) 2-Fluorobiphenyl	8.94	172	480710	46.03	ng		-0.02
78) Terphenyl-d14	12.67	244	503772	52.02	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	46911	21.76	ng		97
3) Pyridine	2.68	79	152076	25.00	ng		85
4) n-Nitrosodimethylamine	2.63	42	80844	23.87	ng	#	75
6) Aniline	6.23	93	129272	14.90	ng	#	18
8) 2-Chlorophenol	6.36	128	141613	28.28	ng		94
9) Benzaldehyde	6.12	77	46298	12.03	ng		86
10) Phenol	6.23	94	167072	23.70	ng		89
11) bis(2-Chloroethyl)ether	6.32	93	146925	27.16	ng		98
12) 1,3-Dichlorobenzene	6.52	146	134232	24.95	ng		96
13) 1,4-Dichlorobenzene	6.60	146	138084	25.92	ng		98
14) 1,2-Dichlorobenzene	6.74	146	136337	27.34	ng		96
15) Benzyl Alcohol	6.73	79	137825	28.54	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.87	45	274384	25.82	ng		100
17) 2-Methylphenol	6.85	107	108423	25.24	ng		96
18) Hexachloroethane	7.09	117	56616	26.30	ng		97
19) n-Nitroso-di-n-propylamine	7.01	70	114785	27.76	ng		90
20) 3+4-Methylphenols	7.01	107	145427	26.67	ng	#	47
22) Acetophenone	7.00	105	204636	27.49	ng	#	88
24) Nitrobenzene	7.17	77	171604	26.44	ng		93
25) Isophorone	7.41	82	283541	24.50	ng		99
26) 2-Nitrophenol	7.49	139	71725	26.58	ng	#	63
27) 2,4-Dimethylphenol	7.53	122	118108	24.74	ng		95
28) bis(2-Chloroethoxy)methane	7.62	93	167707	24.53	ng		99
29) 2,4-Dichlorophenol	7.73	162	113659	28.28	ng		93
30) 1,2,4-Trichlorobenzene	7.81	180	112308	25.14	ng		99
31) Naphthalene	7.89	128	405641	25.67	ng		99
32) Benzoic acid	7.66	122	77256	28.77	ng		98
33) 4-Chloroaniline	7.94	127	78578	11.78	ng	#	84
34) Hexachlorobutadiene	8.01	225	66752	26.42	ng		98
35) Caprolactam	8.31	113	36129m	25.72	ng		
36) 4-Chloro-3-methylphenol	8.44	107	137449	28.69	ng		96
37) 2-Methylnaphthalene	8.57	142	248130	24.85	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	112415	25.46	ng		98
40) Hexachlorocyclopentadiene	8.73	237	121840	53.32	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	81806	26.23	ng		98
43) 2,4,5-Trichlorophenol	8.90	196	76625	24.58	ng	#	94
45) 1,1'-Biphenyl	9.04	154	334257	27.73	ng		98
46) 2-Chloronaphthalene	9.06	162	239913	24.78	ng		100
47) 2-Nitroaniline	9.16	65	95220	24.03	ng		99
48) Acenaphthylene	9.48	152	398174	22.99	ng		99
49) Dimethylphthalate	9.35	163	272815	24.21	ng		100
50) 2,6-Dinitrotoluene	9.41	165	59925	24.77	ng	#	77
51) Acenaphthene	9.65	154	241249	23.26	ng		99
52) 3-Nitroaniline	9.57	138	43636	14.41	ng		99
53) 2,4-Dinitrophenol	9.68	184	65660	53.05	ng	#	65
54) Dibenzofuran	9.82	168	360760	25.96	ng		100
55) 4-Nitrophenol	9.75	139	114581	53.88	ng	#	64
56) 2,4-Dinitrotoluene	9.81	165	80636	25.14	ng	#	77
57) Fluorene	10.15	166	251301	23.51	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	60998m	25.28	ng		
59) Diethylphthalate	10.05	149	305242	25.59	ng		98
60) 4-Chlorophenyl-phenylether	10.15	204	110823	24.50	ng		93
61) 4-Nitroaniline	10.18	138	76068	24.58	ng		84
62) Azobenzene	10.31	77	357597	26.02	ng		96
64) 4,6-Dinitro-2-methylphenol	10.21	198	38377	24.53	ng		91
65) n-Nitrosodiphenylamine	10.28	169	257589	27.55	ng		98
66) 4-Bromophenyl-phenylether	10.64	248	72008	27.98	ng	#	92
67) Hexachlorobenzene	10.70	284	75588	29.00	ng		97
68) Atrazine	10.80	200	77273	29.66	ng		97
69) Pentachlorophenol	10.89	266	78833	50.41	ng		98
70) Phenanthrene	11.11	178	401406	25.86	ng		100
71) Anthracene	11.16	178	399702	26.46	ng		99
72) Carbazole	11.32	167	413123	28.40	ng		99
73) Di-n-butylphthalate	11.66	149	466998	26.53	ng		98
74) Fluoranthene	12.28	202	436626	26.06	ng		93
76) Benzidine	12.41	184	177812	22.67	ng		97
77) Pyrene	12.51	202	431846	25.59	ng		100
79) Butylbenzylphthalate	13.15	149	215172	29.66	ng	#	75
80) Benzo(a)anthracene	13.69	228	378456	27.18	ng		98
81) 3,3'-Dichlorobenzidine	13.66	252	74807	16.59	ng		99
82) Chrysene	13.73	228	374314	29.83	ng		100
83) Bis(2-ethylhexyl)phthalate	13.71	149	287067	30.89	ng	#	95
84) Di-n-octyl phthalate	14.32	149	474037	33.56	ng		97
85) Indeno(1,2,3-cd)pyrene	16.24	276	223544	25.37	ng	#	93
87) Benzo(b)fluoranthene	14.68	252	368122m	33.34	ng		
88) Benzo(k)fluoranthene	14.71	252	211458m	20.55	ng		
89) Benzo(a)pyrene	14.99	252	262185	27.25	ng		97
90) Dibenzo(a,h)anthracene	16.25	278	190813	25.46	ng	#	96
91) Benzo(g,h,i)perylene	16.60	276	187623	24.67	ng	#	90

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

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