Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
Data File : BF081879.D
Acq On : 29 Sep 2015 14:53
Operator : UM/IZ
Sample : PB85668BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85668BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:11 AM

Quant Time: Sep 30 01:29:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	82814	20.00	ng		-0.01
21) Naphthalene-d8	8.21	136	339135	20.00	ng		-0.01
38) Acenaphthene-d10	9.97	164	190303	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	392218	20.00	ng		-0.01
75) Chrysene-d12	14.10	240	379141	20.00	ng		-0.01
86) Perylene-d12	15.57	264	312663	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	544189	119.29	ng		0.01
7) Phenol-d6	6.55	99	765834	133.41	ng		-0.01
23) Nitrobenzene-d5	7.49	82	456361	89.70	ng		-0.01
41) 2,4,6-Tribromophenol	10.77	330	279157	144.84	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	1010199	89.81	ng		-0.01
78) Terphenyl-d14	13.04	244	1076389	94.63	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	64239	32.38	ng		92
3) Pyridine	3.37	79	168203	32.57	ng		90
4) n-Nitrosodimethylamine	3.33	42	85327	36.37	ng		94
6) Aniline	6.58	93	244940	31.76	ng	#	79
8) 2-Chlorophenol	6.71	128	242555	48.15	ng		98
9) Benzaldehyde	6.47	77	74597	19.84	ng	#	76
10) Phenol	6.57	94	275875	42.84	ng		77
11) bis(2-Chloroethyl)ether	6.66	93	252274	50.52	ng		94
12) 1,3-Dichlorobenzene	6.86	146	265065m	44.54	ng		
13) 1,4-Dichlorobenzene	6.94	146	266775m	42.93	ng		
14) 1,2-Dichlorobenzene	7.10	146	248214	44.83	ng		100
15) Benzyl Alcohol	7.07	79	190050	45.86	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.20	45	339497	48.09	ng		78
17) 2-Methylphenol	7.18	107	200415	49.07	ng	#	83
18) Hexachloroethane	7.43	117	88315	45.40	ng	#	89
19) n-Nitroso-di-n-propylamine	7.34	70	158451	45.42	ng	#	77
20) 3+4-Methylphenols	7.33	107	226680	43.94	ng	#	63
22) Acetophenone	7.34	105	321013	46.30	ng	#	80
24) Nitrobenzene	7.51	77	239369	43.33	ng	#	69
25) Isophorone	7.75	82	442394	43.87	ng	#	91
26) 2-Nitrophenol	7.83	139	128324	48.39	ng	#	76
27) 2,4-Dimethylphenol	7.86	122	223807	47.98	ng	#	79
28) bis(2-Chloroethoxy)methane	7.97	93	277720	46.38	ng	#	95
29) 2,4-Dichlorophenol	8.07	162	233995	51.73	ng		98
30) 1,2,4-Trichlorobenzene	8.15	180	244244	48.37	ng		99
31) Naphthalene	8.23	128	655421	43.62	ng		98
32) Benzoic acid	7.99	122	116147	42.60	ng	#	65
33) 4-Chloroaniline	8.29	127	168194	25.88	ng	#	90
34) Hexachlorobutadiene	8.34	225	135078	45.23	ng		98
35) Caprolactam	8.66	113	62803m	50.15	ng		
36) 4-Chloro-3-methylphenol	8.77	107	244163	55.20	ng	#	83
37) 2-Methylnaphthalene	8.93	142	527169	51.39	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	235049	40.23	ng		99
40) Hexachlorocyclopentadiene	9.07	237	279685	92.96	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	155386	38.80	ng		99
43) 2,4,5-Trichlorophenol	9.25	196	189074	45.90	ng		96
45) 1,1'-Biphenyl	9.39	154	609520	41.52	ng		94
46) 2-Chloronaphthalene	9.42	162	506211	43.91	ng		97
47) 2-Nitroaniline	9.52	65	158786	46.92	ng		89
48) Acenaphthylene	9.83	152	732552	39.70	ng		96
49) Dimethylphthalate	9.69	163	602480	45.87	ng	#	98
50) 2,6-Dinitrotoluene	9.76	165	144578	50.70	ng	#	90
51) Acenaphthene	10.00	154	532717	48.62	ng		89
52) 3-Nitroaniline	9.93	138	101166	30.66	ng	#	78
53) 2,4-Dinitrophenol	10.03	184	133044	88.85	ng	#	64
54) Dibenzofuran	10.17	168	693375	44.78	ng	#	83
55) 4-Nitrophenol	10.09	139	218987	91.86	ng	#	42
56) 2,4-Dinitrotoluene	10.16	165	183573	50.49	ng	#	79
57) Fluorene	10.51	166	515861	46.66	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.30	232	165372	50.62	ng		95
59) Diethylphthalate	10.39	149	611257	49.82	ng		97
60) 4-Chlorophenyl-phenylether	10.51	204	248569	43.85	ng		98
61) 4-Nitroaniline	10.55	138	139695	42.23	ng	#	42
62) Azobenzene	10.67	77	604041	50.44	ng		96
64) 4,6-Dinitro-2-methylphenol	10.57	198	89459	49.82	ng	#	62
65) n-Nitrosodiphenylamine	10.63	169	490504	41.33	ng		92
66) 4-Bromophenyl-phenylether	11.01	248	185998	47.03	ng	#	89
67) Hexachlorobenzene	11.06	284	208134	46.63	ng	#	84
68) Atrazine	11.15	200	164756	44.75	ng		83
69) Pentachlorophenol	11.26	266	232311	91.35	ng		97
70) Phenanthrene	11.49	178	913570	48.53	ng		96
71) Anthracene	11.53	178	925560	46.43	ng		97
72) Carbazole	11.69	167	849927	47.11	ng		94
73) Di-n-butylphthalate	12.01	149	972460	53.16	ng	#	98
74) Fluoranthene	12.68	202	1049317	49.94	ng		87
76) Benzidine	12.80	184	337400	29.54	ng	#	97
77) Pyrene	12.90	202	1029166m	45.44	ng		
79) Butylbenzylphthalate	13.52	149	454115	53.28	ng		96
80) Benzo(a)anthracene	14.09	228	911362	44.64	ng		96
81) 3,3'-Dichlorobenzidine	14.06	252	230477	33.43	ng	#	94
82) Chrysene	14.13	228	745319	39.31	ng		94
83) Bis(2-ethylhexyl)phthalate	14.07	149	619374	57.93	ng	#	90
84) Di-n-octyl phthalate	14.69	149	1021444	58.71	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.03	276	737767	46.19	ng	#	85
87) Benzo(b)fluoranthene	15.14	252	819080	45.88	ng	#	85
88) Benzo(k)fluoranthene	15.17	252	750359m	45.86	ng		
89) Benzo(a)pyrene	15.51	252	742080	47.92	ng	#	86
90) Dibenzo(a,h)anthracene	17.05	278	614272	47.28	ng	#	79
91) Benzo(g,h,i)perylene	17.48	276	623773	46.85	ng	#	74

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

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