Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080689.D
Acq On : 28 Jul 2015 00:33
Operator : TP/UM
Sample : PB84659BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Manual Integrations APPROVED
apatel
7/29/2015 10:40:54 AM

Quant Time: Jul 28 07:59:54 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 28 05:06:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	34358	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	112104	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	50938	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	87376	20.00	ng		0.00
75) Chrysene-d12	14.21	240	64212	20.00	ng		-0.03
86) Perylene-d12	15.85	264	35363	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	260305	120.66	ng		0.00
7) Phenol-d6	6.53	99	295744	127.42	ng		0.00
23) Nitrobenzene-d5	7.48	82	213422	97.81	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	68993	154.75	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	365018	90.29	ng		0.00
78) Terphenyl-d14	13.06	244	303297	80.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	35359	38.85	ng		94
3) Pyridine	3.30	79	80463	34.99	ng		98
4) n-Nitrosodimethylamine	3.20	42	50598	34.63	ng		93
6) Aniline	6.58	93	60198	18.31	ng		97
8) 2-Chlorophenol	6.70	128	91756	42.87	ng		97
9) Benzaldehyde	6.46	77	13906	8.85	ng		98
10) Phenol	6.54	94	101040	38.46	ng		94
11) bis(2-Chloroethyl)ether	6.65	93	83733	44.26	ng		99
12) 1,3-Dichlorobenzene	6.86	146	108060	41.57	ng		99
13) 1,4-Dichlorobenzene	6.94	146	104744	41.14	ng		99
14) 1,2-Dichlorobenzene	7.09	146	106859	44.24	ng		99
15) Benzyl Alcohol	7.06	79	84427	44.47	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	159251	44.92	ng		97
17) 2-Methylphenol	7.16	107	66988	44.69	ng		98
18) Hexachloroethane	7.44	117	36802	43.33	ng		96
19) n-Nitroso-di-n-propylamine	7.32	70	60183	44.06	ng		97
20) 3+4-Methylphenols	7.32	107	91702	44.74	ng		99
22) Acetophenone	7.33	105	124795	43.22	ng		98
24) Nitrobenzene	7.50	77	96849	45.01	ng		100
25) Isophorone	7.74	82	159529	46.97	ng		99
26) 2-Nitrophenol	7.82	139	40170	46.27	ng		99
27) 2,4-Dimethylphenol	7.86	122	75084m	44.85	ng		
28) bis(2-Chloroethoxy)methane	7.95	93	89787	45.01	ng		99
29) 2,4-Dichlorophenol	8.06	162	64240	45.48	ng	#	81
30) 1,2,4-Trichlorobenzene	8.16	180	77479	43.11	ng		96
31) Naphthalene	8.24	128	241672	43.83	ng		99
32) Benzoic acid	7.92	122	44136m	53.39	ng		
33) 4-Chloroaniline	8.27	127	39048	19.67	ng	#	81
34) Hexachlorobutadiene	8.35	225	48709	43.42	ng		94
35) Caprolactam	8.60	113	17128	59.69	ng	#	88
36) 4-Chloro-3-methylphenol	8.75	107	77544	54.11	ng		99
37) 2-Methylnaphthalene	8.92	142	175932	49.98	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	74170	39.55	ng		99
40) Hexachlorocyclopentadiene	9.08	237	105068	87.79	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	54100	43.72	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	51580	45.09	ng		97
45) 1,1'-Biphenyl	9.39	154	183652	42.92	ng		98
46) 2-Chloronaphthalene	9.41	162	151258	42.26	ng		98
47) 2-Nitroaniline	9.49	65	42138	50.03	ng		97
48) Acenaphthylene	9.82	152	250466	44.47	ng		99
49) Dimethylphthalate	9.68	163	162357	49.02	ng		100
50) 2,6-Dinitrotoluene	9.74	165	34355	52.41	ng		93
51) Acenaphthene	10.00	154	158060	47.72	ng		99
52) 3-Nitroaniline	9.90	138	23602	31.70	ng		92
53) 2,4-Dinitrophenol	10.01	184	23504	140.14	ng	#	38
54) Dibenzofuran	10.17	168	217723	47.89	ng		98
55) 4-Nitrophenol	10.05	139	53827	107.97	ng		86
56) 2,4-Dinitrotoluene	10.14	165	45389	60.74	ng		97
57) Fluorene	10.51	166	171135	49.53	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	40232	52.60	ng	#	82
59) Diethylphthalate	10.38	149	171958	54.67	ng		98
60) 4-Chlorophenyl-phenylether	10.51	204	72281	47.53	ng		96
61) 4-Nitroaniline	10.51	138	28363	44.67	ng		94
62) Azobenzene	10.66	77	157928	51.32	ng		97
64) 4,6-Dinitro-2-methylphenol	10.54	198	18957	58.00	ng		90
65) n-Nitrosodiphenylamine	10.62	169	128285	42.99	ng		98
66) 4-Bromophenyl-phenylether	11.00	248	40836	43.76	ng		99
67) Hexachlorobenzene	11.06	284	48484	44.17	ng		95
68) Atrazine	11.15	200	29627	51.20	ng		88
69) Pentachlorophenol	11.25	266	50022	115.74	ng		96
70) Phenanthrene	11.47	178	230627	46.24	ng		99
71) Anthracene	11.53	178	241970	49.90	ng		99
72) Carbazole	11.68	167	198972	49.13	ng		99
73) Di-n-butylphthalate	12.02	149	243372	58.96	ng		99
74) Fluoranthene	12.67	202	209740	53.62	ng		91
76) Benzidine	12.80	184	88158	49.83	ng		99
77) Pyrene	12.91	202	220858	41.08	ng		98
79) Butylbenzylphthalate	13.59	149	76989	49.42	ng	#	78
80) Benzo(a)anthracene	14.20	228	175212	47.11	ng		99
81) 3,3'-Dichlorobenzidine	14.17	252	42262	43.43	ng		96
82) Chrysene	14.25	228	167936	45.26	ng		96
83) Bis(2-ethylhexyl)phthalate	14.21	149	107538	56.34	ng	#	99
84) Di-n-octyl phthalate	14.95	149	143938	62.78	ng	#	97
85) Indeno(1,2,3-cd)pyrene	17.33	276	80756	51.62	ng		97
87) Benzo(b)fluoranthene	15.41	252	121807	47.31	ng		98
88) Benzo(k)fluoranthene	15.44	252	119726m	50.71	ng		
89) Benzo(a)pyrene	15.78	252	105095	53.41	ng		94
90) Dibenzo(a,h)anthracene	17.36	278	66828	49.40	ng	#	92
91) Benzo(g,h,i)perylene	17.77	276	65467	49.92	ng	#	94

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

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