Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083933.D
Acq On : 19 Dec 2015 00:34
Operator : UM/SJ
Sample : PB87185BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87185BS

Manual Integrations APPROVED
apatel
12/22/2015 11:51:32 AM

Quant Time: Dec 19 05:36:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	54537	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	220642	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	124089	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	210632	20.00	ng		0.00
75) Chrysene-d12	14.03	240	153238	20.00	ng		0.00
86) Perylene-d12	15.47	264	135243	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	433984	124.53	ng		0.01
7) Phenol-d6	6.52	99	484088	113.49	ng		0.01
23) Nitrobenzene-d5	7.44	82	310525	80.32	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	118560	86.73	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	674962	74.97	ng		-0.01
78) Terphenyl-d14	12.98	244	510937	77.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	67732	44.80	ng		97
3) Pyridine	3.29	79	153479	41.06	ng		98
4) n-Nitrosodimethylamine	3.22	42	67501	47.34	ng		98
6) Aniline	6.53	93	119608	21.77	ng	#	1
8) 2-Chlorophenol	6.66	128	162289	39.13	ng		95
9) Benzaldehyde	6.41	77	62306	24.24	ng		95
10) Phenol	6.53	94	200907	42.21	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	129188	35.73	ng		94
12) 1,3-Dichlorobenzene	6.81	146	161201m	36.14	ng		
13) 1,4-Dichlorobenzene	6.89	146	172480m	37.88	ng		
14) 1,2-Dichlorobenzene	7.04	146	146038	39.33	ng		95
15) Benzyl Alcohol	7.01	79	124157	38.46	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	131882	35.37	ng		94
17) 2-Methylphenol	7.14	107	122836	37.76	ng	#	94
18) Hexachloroethane	7.38	117	54765	32.77	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	101811	40.94	ng	#	90
20) 3+4-Methylphenols	7.29	107	148175	38.76	ng	#	62
22) Acetophenone	7.28	105	201549	37.94	ng		94
24) Nitrobenzene	7.45	77	140390	35.11	ng		94
25) Isophorone	7.69	82	274138	37.69	ng		98
26) 2-Nitrophenol	7.77	139	62672	30.28	ng	#	87
27) 2,4-Dimethylphenol	7.81	122	132211	37.09	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	176204	40.95	ng		98
29) 2,4-Dichlorophenol	8.02	162	127129	39.31	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	132453	38.13	ng		95
31) Naphthalene	8.18	128	451655	40.41	ng		98
32) Benzoic acid	7.93	122	38159	33.10	ng		91
33) 4-Chloroaniline	8.22	127	78391	15.65	ng	#	93
34) Hexachlorobutadiene	8.29	225	73283	33.78	ng		97
35) Caprolactam	8.60	113	39075	36.57	ng	#	82
36) 4-Chloro-3-methylphenol	8.72	107	130410	35.35	ng		91
37) 2-Methylnaphthalene	8.86	142	293597	38.29	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	131911	33.72	ng		99
40) Hexachlorocyclopentadiene	9.02	237	19286	26.95	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	90559	35.06	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	96001	37.55	ng	#	89
45) 1,1'-Biphenyl	9.33	154	432544	41.40	ng		98
46) 2-Chloronaphthalene	9.36	162	322837	39.38	ng		96
47) 2-Nitroaniline	9.45	65	94372	38.46	ng		95
48) Acenaphthylene	9.77	152	511342	35.35	ng		99
49) Dimethylphthalate	9.63	163	385076	36.98	ng	#	90
50) 2,6-Dinitrotoluene	9.70	165	82675	36.40	ng	#	85
51) Acenaphthene	9.94	154	311970	35.07	ng		99
52) 3-Nitroaniline	9.86	138	70808	29.58	ng		96
53) 2,4-Dinitrophenol	9.97	184	14017	25.27	ng		97
54) Dibenzofuran	10.11	168	460218	39.84	ng		92
55) 4-Nitrophenol	10.04	139	99545	66.60	ng		98
56) 2,4-Dinitrotoluene	10.10	165	115628	39.71	ng		93
57) Fluorene	10.45	166	295298	32.80	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	75324	39.82	ng		95
59) Diethylphthalate	10.33	149	420174	39.03	ng		95
60) 4-Chlorophenyl-phenylether	10.44	204	155038	35.02	ng	#	79
61) 4-Nitroaniline	10.48	138	81044	32.72	ng		97
62) Azobenzene	10.60	77	376227	41.70	ng		89
64) 4,6-Dinitro-2-methylphenol	10.51	198	13828	13.74	ng		97
65) n-Nitrosodiphenylamine	10.57	169	344536	44.95	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	105133	40.83	ng	#	73
67) Hexachlorobenzene	11.01	284	116789	43.07	ng	#	91
68) Atrazine	11.09	200	78768	32.44	ng		98
69) Pentachlorophenol	11.21	266	66491	59.10	ng		100
70) Phenanthrene	11.41	178	444914	34.96	ng		99
71) Anthracene	11.47	178	514755	41.84	ng		99
72) Carbazole	11.62	167	348227	28.65	ng		99
73) Di-n-butylphthalate	11.95	149	589150	41.25	ng	#	97
74) Fluoranthene	12.60	202	370989	29.21	ng		99
76) Benzidine	12.73	184	200654	32.70	ng		98
77) Pyrene	12.83	202	425610	43.74	ng		100
79) Butylbenzylphthalate	13.45	149	194149	38.06	ng		95
80) Benzo(a)anthracene	14.02	228	358661	38.07	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	113924	32.35	ng	#	93
82) Chrysene	14.05	228	315775	34.70	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	296119	43.48	ng		100
84) Di-n-octyl phthalate	14.61	149	476455	44.70	ng		98
85) Indeno(1,2,3-cd)pyrene	16.91	276	270377	39.73	ng		100
87) Benzo(b)fluoranthene	15.06	252	361548	36.67	ng		99
88) Benzo(k)fluoranthene	15.08	252	321299m	39.50	ng		
89) Benzo(a)pyrene	15.41	252	331620	40.73	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	227792	35.96	ng		98
91) Benzo(g,h,i)perylene	17.33	276	215137	34.66	ng		99

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

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