Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083806.D
Acq On : 15 Dec 2015 9:10
Operator : UM/IZ
Sample : PB87256BSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87256BSD

Manual Integrations APPROVED
MMdadoda
12/15/2015 6:14:27 PM

Quant Time: Dec 15 17:29:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	106559	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	418666	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	207283	20.00	ng		-0.02
63) Phenanthrene-d10	11.42	188	398989	20.00	ng		-0.02
75) Chrysene-d12	14.05	240	310489	20.00	ng		-0.02
86) Perylene-d12	15.48	264	252937	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	615683	93.21	ng		-0.01
7) Phenol-d6	6.53	99	697601	83.40	ng		-0.01
23) Nitrobenzene-d5	7.46	82	650510	86.93	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	192084	90.94	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	1138310	78.66	ng		-0.02
78) Terphenyl-d14	13.00	244	1126642	78.05	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	107505	33.66	ng	#	81
3) Pyridine	3.32	79	328782	40.91	ng	#	81
4) n-Nitrosodimethylamine	3.26	42	127321	41.88	ng	#	66
6) Aniline	6.56	93	231551	20.38	ng		90
8) 2-Chlorophenol	6.68	128	334564	43.10	ng		91
9) Benzaldehyde	6.44	77	129677	28.87	ng		87
10) Phenol	6.54	94	380419	39.51	ng		79
11) bis(2-Chloroethyl)ether	6.64	93	321158	46.06	ng		87
12) 1,3-Dichlorobenzene	6.84	146	352723	42.82	ng		98
13) 1,4-Dichlorobenzene	6.92	146	367531	44.15	ng		94
14) 1,2-Dichlorobenzene	7.07	146	316054	42.25	ng		97
15) Benzyl Alcohol	7.04	79	296672	48.28	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	351401	38.81	ng		71
17) 2-Methylphenol	7.16	107	292202	46.82	ng	#	83
18) Hexachloroethane	7.41	117	123058	41.63	ng	#	81
19) n-Nitroso-di-n-propylamine	7.32	70	232781	45.45	ng	#	82
20) 3+4-Methylphenols	7.31	107	317425	43.09	ng	#	68
22) Acetophenone	7.31	105	419573	40.85	ng	#	96
24) Nitrobenzene	7.48	77	341642	43.86	ng	#	87
25) Isophorone	7.72	82	617184	42.04	ng	#	95
26) 2-Nitrophenol	7.80	139	191634	51.22	ng	#	78
27) 2,4-Dimethylphenol	7.84	122	317155	43.14	ng		97
28) bis(2-Chloroethoxy)methane	7.94	93	400033	47.75	ng	#	96
29) 2,4-Dichlorophenol	8.04	162	282353	46.78	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	277420	44.32	ng		97
31) Naphthalene	8.21	128	977491	44.79	ng		100
32) Benzoic acid	7.96	122	213555	46.61	ng		91
33) 4-Chloroaniline	8.25	127	98803m	11.08	ng		
34) Hexachlorobutadiene	8.33	225	149569	43.55	ng		99
35) Caprolactam	8.62	113	110435m	56.98	ng		
36) 4-Chloro-3-methylphenol	8.74	107	323693	45.85	ng		94
37) 2-Methylnaphthalene	8.90	142	630331	46.01	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	275937	45.13	ng	#	100
40) Hexachlorocyclopentadiene	9.06	237	297045	95.86	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	200148	44.72	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	207337	48.83	ng		97
45) 1,1'-Biphenyl	9.37	154	817078	44.48	ng		96
46) 2-Chloronaphthalene	9.39	162	617775	45.56	ng		96
47) 2-Nitroaniline	9.48	65	199608	51.90	ng	#	56
48) Acenaphthylene	9.80	152	931578	40.83	ng		99
49) Dimethylphthalate	9.66	163	688652	42.61	ng		100
50) 2,6-Dinitrotoluene	9.72	165	158707	46.27	ng	#	85
51) Acenaphthene	9.97	154	656144	47.57	ng		100
52) 3-Nitroaniline	9.88	138	73628	18.62	ng		88
53) 2,4-Dinitrophenol	10.00	184	181376	91.49	ng	#	82
54) Dibenzofuran	10.14	168	811952	44.43	ng	#	91
55) 4-Nitrophenol	10.05	139	262812	89.76	ng		85
56) 2,4-Dinitrotoluene	10.12	165	221257	49.38	ng	#	85
57) Fluorene	10.49	166	601222	41.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	162536	51.04	ng	#	100
59) Diethylphthalate	10.36	149	712588	43.55	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	277989	42.36	ng	#	81
61) 4-Nitroaniline	10.50	138	161051	46.21	ng		88
62) Azobenzene	10.64	77	693528	46.50	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	121566	53.55	ng	#	76
65) n-Nitrosodiphenylamine	10.60	169	645215	47.28	ng		97
66) 4-Bromophenyl-phenylether	10.97	248	187067	41.93	ng	#	86
67) Hexachlorobenzene	11.04	284	206231	42.72	ng		96
68) Atrazine	11.13	200	192441	49.57	ng		98
69) Pentachlorophenol	11.23	266	244092	89.65	ng		98
70) Phenanthrene	11.45	178	927642	43.77	ng		98
71) Anthracene	11.50	178	1006596	45.73	ng		99
72) Carbazole	11.65	167	1023953	49.92	ng		96
73) Di-n-butylphthalate	11.99	149	1059367	42.53	ng		99
74) Fluoranthene	12.64	202	1091324	49.83	ng		96
76) Benzidine	12.75	184	313818	33.17	ng		96
77) Pyrene	12.87	202	1097645	44.73	ng		99
79) Butylbenzylphthalate	13.48	149	515256	48.92	ng		87
80) Benzo(a)anthracene	14.04	228	815940	46.21	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	197728	31.05	ng	#	96
82) Chrysene	14.08	228	764440	44.39	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	529302	44.15	ng		98
84) Di-n-octyl phthalate	14.65	149	906723	47.60	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.92	276	743662	43.97	ng	#	100
87) Benzo(b)fluoranthene	15.08	252	856694m	53.09	ng		
88) Benzo(k)fluoranthene	15.11	252	574261m	39.28	ng		
89) Benzo(a)pyrene	15.44	252	706588	49.07	ng	#	95
90) Dibenzo(a,h)anthracene	16.93	278	609166	42.54	ng		96
91) Benzo(g,h,i)perylene	17.35	276	632298	42.96	ng		99

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

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