Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083850.D
Acq On : 16 Dec 2015 16:09
Operator : UM/SJ
Sample : PB87334BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87334BS

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:34:13 PM

Quant Time: Dec 17 03:57:37 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	6.89	152	95696	20.00	ng		-0.03
21) Naphthalene-d8	8.18	136	395587	20.00	ng		-0.03
38) Acenaphthene-d10	9.93	164	182428	20.00	ng		-0.03
63) Phenanthrene-d10	11.41	188	350883	20.00	ng		-0.03
75) Chrysene-d12	14.04	240	259202	20.00	ng		-0.03
86) Perylene-d12	15.48	264	198575	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	566018	95.42	ng		-0.02
7) Phenol-d6	6.53	99	755936	100.63	ng		-0.01
23) Nitrobenzene-d5	7.46	82	486266	68.77	ng		-0.02
41) 2,4,6-Tribromophenol	10.72	330	192289	103.44	ng		-0.03
44) 2-Fluorobiphenyl	9.25	172	877129	65.96	ng		-0.03
78) Terphenyl-d14	12.99	244	811214	67.32	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	74850	26.09	ng	#	80
3) Pyridine	3.32	79	229370	31.78	ng	#	81
4) n-Nitrosodimethylamine	3.25	42	84930	31.11	ng	#	66
6) Aniline	6.56	93	177812	17.43	ng	#	80
8) 2-Chlorophenol	6.68	128	244205	35.03	ng	#	79
9) Benzaldehyde	6.43	77	111339	27.60	ng		96
10) Phenol	6.54	94	307088	35.52	ng		82
11) bis(2-Chloroethyl)ether	6.62	93	200075	31.95	ng		92
12) 1,3-Dichlorobenzene	6.83	146	237076	32.05	ng		98
13) 1,4-Dichlorobenzene	6.91	146	259743	34.75	ng		97
14) 1,2-Dichlorobenzene	7.06	146	223732	33.31	ng		95
15) Benzyl Alcohol	7.04	79	216627	39.25	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	227709	28.01	ng		71
17) 2-Methylphenol	7.15	107	198929	35.49	ng	#	84
18) Hexachloroethane	7.41	117	88755	33.43	ng		94
19) n-Nitroso-di-n-propylamine	7.31	70	155745	33.86	ng	#	83
20) 3+4-Methylphenols	7.30	107	225458	34.08	ng	#	56
22) Acetophenone	7.30	105	292942	30.19	ng	#	97
24) Nitrobenzene	7.47	77	220420	29.95	ng		91
25) Isophorone	7.71	82	420328	30.30	ng		96
26) 2-Nitrophenol	7.79	139	123289	34.87	ng	#	83
27) 2,4-Dimethylphenol	7.84	122	230489	33.18	ng		96
28) bis(2-Chloroethoxy)methane	7.93	93	281574	35.57	ng	#	97
29) 2,4-Dichlorophenol	8.03	162	189316	33.20	ng		95
30) 1,2,4-Trichlorobenzene	8.12	180	202134	34.18	ng		97
31) Naphthalene	8.20	128	702915	34.09	ng		100
32) Benzoic acid	7.94	122	92574	21.38	ng		89
33) 4-Chloroaniline	8.25	127	80018	9.50	ng	#	84
34) Hexachlorobutadiene	8.33	225	106886	32.94	ng		97
35) Caprolactam	8.60	113	62118	33.92	ng	#	72
36) 4-Chloro-3-methylphenol	8.73	107	213654	32.03	ng		95
37) 2-Methylnaphthalene	8.89	142	447838	34.59	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	198138	36.82	ng	#	100
40) Hexachlorocyclopentadiene	9.05	237	160333	58.79	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	133123	33.80	ng		96
43) 2,4,5-Trichlorophenol	9.21	196	142723	38.20	ng		96
45) 1,1'-Biphenyl	9.36	154	568851	35.18	ng		96
46) 2-Chloronaphthalene	9.38	162	437810	36.68	ng		96
47) 2-Nitroaniline	9.47	65	131995	39.00	ng	#	58
48) Acenaphthylene	9.79	152	673001	33.52	ng		99
49) Dimethylphthalate	9.65	163	497700	34.99	ng		99
50) 2,6-Dinitrotoluene	9.71	165	108128	35.82	ng	#	85
51) Acenaphthene	9.96	154	439905	36.24	ng		99
52) 3-Nitroaniline	9.87	138	48951	14.07	ng		94
53) 2,4-Dinitrophenol	9.98	184	84319	59.70	ng	#	88
54) Dibenzofuran	10.13	168	563330	35.03	ng	#	90
55) 4-Nitrophenol	10.04	139	156562	60.76	ng		87
56) 2,4-Dinitrotoluene	10.12	165	152193	38.60	ng	#	48
57) Fluorene	10.48	166	435367	34.37	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	112200	40.03	ng	#	100
59) Diethylphthalate	10.35	149	492263	34.19	ng		97
60) 4-Chlorophenyl-phenylether	10.46	204	199081	34.47	ng	#	80
61) 4-Nitroaniline	10.49	138	105101	34.26	ng		88
62) Azobenzene	10.62	77	475421	36.22	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	65887	33.00	ng		91
65) n-Nitrosodiphenylamine	10.59	169	447988	37.33	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	127696	32.55	ng	#	82
67) Hexachlorobenzene	11.02	284	144027	33.93	ng	#	87
68) Atrazine	11.12	200	141077	41.32	ng		99
69) Pentachlorophenol	11.22	266	136558	57.03	ng		99
70) Phenanthrene	11.44	178	642446	34.47	ng		99
71) Anthracene	11.49	178	706009	36.47	ng		99
72) Carbazole	11.64	167	681312	37.77	ng		97
73) Di-n-butylphthalate	11.97	149	755767	34.50	ng		100
74) Fluoranthene	12.62	202	739518	38.40	ng		97
76) Benzidine	12.74	184	268969	34.05	ng		97
77) Pyrene	12.85	202	757425	36.97	ng		99
79) Butylbenzylphthalate	13.47	149	346813	39.44	ng		88
80) Benzo(a)anthracene	14.03	228	539172	36.58	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	102681	19.31	ng		97
82) Chrysene	14.08	228	550372	38.28	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	397318	39.70	ng	#	98
84) Di-n-octyl phthalate	14.64	149	641176	40.32	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	441343	31.26	ng	#	100
87) Benzo(b)fluoranthene	15.07	252	479284m	37.83	ng		
88) Benzo(k)fluoranthene	15.09	252	414167m	36.08	ng		
89) Benzo(a)pyrene	15.43	252	420985	37.24	ng	#	97
90) Dibenzo(a,h)anthracene	16.92	278	364824	32.45	ng		97
91) Benzo(g,h,i)perylene	17.33	276	374114	32.38	ng		98

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

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