Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083603.D
Acq On : 8 Dec 2015 19:21
Operator : UM/IZ
Sample : PB86955BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86955BS

Manual Integrations APPROVED
Mmdadoda
12/9/2015 6:13:22 PM

Quant Time: Dec 17 10:14:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 09:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	165281	20.00	ng		0.00
21) Naphthalene-d8	7.60	136	663322	20.00	ng		-0.01
38) Acenaphthene-d10	10.38	164	335435	20.00	ng		0.00
63) Phenanthrene-d10	12.79	188	623030	20.00	ng		0.00
75) Chrysene-d12	16.99	240	515755	20.00	ng		0.00
86) Perylene-d12	18.64	264	387387	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.00	112	1324859	121.58	ng		0.02
7) Phenol-d6	5.28	99	1674595	115.01	ng		0.00
23) Nitrobenzene-d5	6.53	82	1111627	78.20	ng		0.00
41) 2,4,6-Tribromophenol	11.69	330	355701	119.03	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1825559	76.60	ng		0.00
78) Terphenyl-d14	15.41	244	1705411	77.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.89	88	182900	33.97	ng	#	89
3) Pyridine	2.33	79	471673	36.06	ng		99
4) n-Nitrosodimethylamine	2.29	42	270327	39.26	ng		94
6) Aniline	5.26	93	463157	25.81	ng		93
8) 2-Chlorophenol	5.42	128	475549	39.90	ng		94
9) Benzaldehyde	5.12	77	157721	17.29	ng		96
10) Phenol	5.29	94	712113	40.38	ng		86
11) bis(2-Chloroethyl)ether	5.37	93	481397	37.10	ng		95
12) 1,3-Dichlorobenzene	5.61	146	502289m	37.82	ng		
13) 1,4-Dichlorobenzene	5.72	146	512651	37.62	ng		97
14) 1,2-Dichlorobenzene	5.94	146	489878	38.74	ng		97
15) Benzyl Alcohol	5.95	79	477827	46.12	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.12	45	911274	37.98	ng	#	61
17) 2-Methylphenol	6.14	107	410566	42.34	ng		92
18) Hexachloroethane	6.41	117	184612	38.37	ng	#	88
19) n-Nitroso-di-n-propylamine	6.34	70	412502	40.59	ng		96
20) 3+4-Methylphenols	6.38	107	518777	40.63	ng		97
22) Acetophenone	6.32	105	690724	37.12	ng	#	98
24) Nitrobenzene	6.56	77	567516	36.12	ng		97
25) Isophorone	6.93	82	1045599	37.90	ng		98
26) 2-Nitrophenol	7.04	139	244355	39.17	ng		96
27) 2,4-Dimethylphenol	7.16	122	430677	39.46	ng		96
28) bis(2-Chloroethoxy)methane	7.29	93	633615	41.36	ng		99
29) 2,4-Dichlorophenol	7.45	162	412777	41.59	ng		99
30) 1,2,4-Trichlorobenzene	7.53	180	413655	37.73	ng		99
31) Naphthalene	7.63	128	1349714	38.42	ng		99
32) Benzoic acid	7.49	122	240128	35.19	ng		96
33) 4-Chloroaniline	7.78	127	250102	19.52	ng		94
34) Hexachlorobutadiene	7.84	225	244826	38.22	ng		98
35) Caprolactam	8.38	113	129928m	43.62	ng		
36) 4-Chloro-3-methylphenol	8.62	107	454447	40.76	ng		93
37) 2-Methylnaphthalene	8.73	142	900230	40.79	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	400803	36.40	ng	#	100
40) Hexachlorocyclopentadiene	8.98	237	174761	71.54	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	249359	38.05	ng		99
43) 2,4,5-Trichlorophenol	9.31	196	262135	40.41	ng	#	90
45) 1,1'-Biphenyl	9.49	154	1067764	36.62	ng		99
46) 2-Chloronaphthalene	9.50	162	829370	37.68	ng		95
47) 2-Nitroaniline	9.72	65	322573	40.63	ng		94
48) Acenaphthylene	10.16	152	1359685	37.46	ng		100
49) Dimethylphthalate	10.04	163	1021996	38.28	ng		99
50) 2,6-Dinitrotoluene	10.13	165	219956	39.90	ng		93
51) Acenaphthene	10.44	154	788867	37.96	ng		99
52) 3-Nitroaniline	10.41	138	143729	24.53	ng		82
53) 2,4-Dinitrophenol	10.60	184	205345	75.60	ng		99
54) Dibenzofuran	10.73	168	1205522	41.83	ng		96
55) 4-Nitrophenol	10.80	139	221882	86.01	ng	#	72
56) 2,4-Dinitrotoluene	10.80	165	302931	41.43	ng	#	86
57) Fluorene	11.28	166	974614	38.75	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.97	232	228548	43.81	ng	#	100
59) Diethylphthalate	11.18	149	999549	38.50	ng		98
60) 4-Chlorophenyl-phenylether	11.31	204	458491	38.29	ng		89
61) 4-Nitroaniline	11.41	138	210567	39.56	ng		97
62) Azobenzene	11.56	77	1240420	43.41	ng		97
64) 4,6-Dinitro-2-methylphenol	11.46	198	158033	37.67	ng		95
65) n-Nitrosodiphenylamine	11.52	169	831322	40.43	ng		98
66) 4-Bromophenyl-phenylether	12.09	248	266140	38.30	ng		97
67) Hexachlorobenzene	12.17	284	285183	38.68	ng		94
68) Atrazine	12.44	200	259990	42.50	ng		98
69) Pentachlorophenol	12.53	266	176862	87.11	ng		100
70) Phenanthrene	12.82	178	1398958	39.08	ng		98
71) Anthracene	12.91	178	1449157	39.08	ng		99
72) Carbazole	13.21	167	1264593	39.77	ng		98
73) Di-n-butylphthalate	13.84	149	1600307	40.01	ng		99
74) Fluoranthene	14.75	202	1446514	39.50	ng		99
76) Benzidine	15.03	184	406312	25.33	ng		97
77) Pyrene	15.11	202	1481321	39.89	ng		98
79) Butylbenzylphthalate	16.24	149	671015	40.71	ng		88
80) Benzo(a)anthracene	16.98	228	1153039	38.20	ng		99
81) 3,3'-Dichlorobenzidine	16.97	252	282892	27.74	ng		98
82) Chrysene	17.03	228	1154784	38.16	ng		100
83) Bis(2-ethylhexyl)phthalate	17.09	149	927548	40.55	ng		99
84) Di-n-octyl phthalate	17.86	149	1444604	41.33	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.86	276	757553	37.09	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	1150098m	52.14	ng		
88) Benzo(k)fluoranthene	18.28	252	743843m	30.60	ng		
89) Benzo(a)pyrene	18.58	252	859711	39.94	ng	#	95
90) Dibenzo(a,h)anthracene	19.86	278	655685	39.84	ng		97
91) Benzo(g,h,i)perylene	20.23	276	627387	39.10	ng		94

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

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