Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
Data File : BF084614.D
Acq On : 25 Jan 2016 18:27
Operator : SJ/IZ
Sample : PB87944BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87944BS

Manual Integrations APPROVED
mohammad
1/26/2016 10:43:28 AM

Quant Time: Jan 26 09:45:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	212497	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	911196	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	383673	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	717402	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	746155	20.00	ng		0.00
86) Perylene-d12	15.28	264	586046	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1006752	76.63	ng		0.01
7) Phenol-d6	6.38	99	1359592	82.40	ng		-0.01
23) Nitrobenzene-d5	7.31	82	1239631	75.72	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	322654	83.30	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1967608	90.64	ng		0.00
78) Terphenyl-d14	12.84	244	2073845	62.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	201627	32.40	ng	#	76
3) Pyridine	3.04	79	471597	27.18	ng	#	65
4) n-Nitrosodimethylamine	2.99	42	264766	29.73	ng	#	72
6) Aniline	6.40	93	334670	13.87	ng	#	17
8) 2-Chlorophenol	6.52	128	567391	38.07	ng		90
9) Benzaldehyde	6.28	77	46516	4.33	ng		91
10) Phenol	6.41	94	700711	37.35	ng		91
11) bis(2-Chloroethyl)ether	6.48	93	538117	37.03	ng		83
12) 1,3-Dichlorobenzene	6.67	146	575833m	37.45	ng		
13) 1,4-Dichlorobenzene	6.75	146	567527	36.81	ng		96
14) 1,2-Dichlorobenzene	6.91	146	575018	38.94	ng		97
15) Benzyl Alcohol	6.89	79	455304	32.80	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.02	45	862126	32.58	ng		88
17) 2-Methylphenol	7.01	107	485567	38.87	ng	#	93
18) Hexachloroethane	7.25	117	238316	38.65	ng	#	90
19) n-Nitroso-di-n-propylamine	7.16	70	397077	35.55	ng	#	71
20) 3+4-Methylphenols	7.16	107	617288	42.04	ng	#	65
22) Acetophenone	7.15	105	824972	37.65	ng		98
24) Nitrobenzene	7.32	77	590105	35.54	ng		94
25) Isophorone	7.57	82	1154771	36.88	ng		97
26) 2-Nitrophenol	7.64	139	301879	39.94	ng	#	81
27) 2,4-Dimethylphenol	7.70	122	573931	37.52	ng		88
28) bis(2-Chloroethoxy)methane	7.79	93	706141	36.92	ng	#	95
29) 2,4-Dichlorophenol	7.89	162	528210	41.45	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	504126	38.32	ng	#	91
31) Naphthalene	8.04	128	1572140	38.03	ng		99
32) Benzoic acid	7.84	122	400537	41.65	ng		93
33) 4-Chloroaniline	8.10	127	131606	6.94	ng		96
34) Hexachlorobutadiene	8.17	225	290113	38.36	ng		99
35) Caprolactam	8.49	113	183242m	42.66	ng		
36) 4-Chloro-3-methylphenol	8.60	107	592691	41.52	ng		97
37) 2-Methylnaphthalene	8.74	142	1098042	37.00	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	478895	43.42	ng		99
40) Hexachlorocyclopentadiene	8.90	237	504481	75.77	ng		99

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Quant Time: Jan 26 09:45:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	373529	45.26	ng		95
43) 2,4,5-Trichlorophenol	9.07	196	344982	43.61	ng	#	86
45) 1,1'-Biphenyl	9.21	154	1446114	47.42	ng		97
46) 2-Chloronaphthalene	9.23	162	1097434	45.82	ng		90
47) 2-Nitroaniline	9.33	65	382842	48.43	ng	#	70
48) Acenaphthylene	9.64	152	1379705	38.99	ng		98
49) Dimethylphthalate	9.52	163	1048706	38.23	ng	#	90
50) 2,6-Dinitrotoluene	9.57	165	236930	39.38	ng	#	58
51) Acenaphthene	9.81	154	920161	38.77	ng		98
52) 3-Nitroaniline	9.73	138	92868	12.46	ng		99
53) 2,4-Dinitrophenol	9.85	184	234888	91.14	ng	#	78
54) Dibenzofuran	9.98	168	1189218	38.24	ng		91
55) 4-Nitrophenol	9.93	139	440827	81.47	ng		94
56) 2,4-Dinitrotoluene	9.97	165	287904	37.81	ng	#	69
57) Fluorene	10.33	166	1024840	43.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	272486	40.34	ng		88
59) Diethylphthalate	10.21	149	1051411	38.88	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	417681	40.93	ng		88
61) 4-Nitroaniline	10.36	138	262768	39.54	ng		90
62) Azobenzene	10.48	77	1056418	35.62	ng		85
64) 4,6-Dinitro-2-methylphenol	10.38	198	190941	43.66	ng		94
65) n-Nitrosodiphenylamine	10.44	169	804124	35.06	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	290413	37.61	ng	#	81
67) Hexachlorobenzene	10.88	284	327463	37.68	ng	#	82
68) Atrazine	10.98	200	343251	45.73	ng		96
69) Pentachlorophenol	11.07	266	340843	75.64	ng		98
70) Phenanthrene	11.29	178	1621029	43.20	ng		98
71) Anthracene	11.33	178	1437015	39.06	ng		99
72) Carbazole	11.49	167	1333876	37.09	ng		99
73) Di-n-butylphthalate	11.82	149	1542821	38.96	ng	#	96
74) Fluoranthene	12.46	202	1492340	38.07	ng		98
76) Benzidine	12.59	184	625528	23.38	ng		98
77) Pyrene	12.69	202	1818009	31.05	ng		98
79) Butylbenzylphthalate	13.32	149	851131	33.59	ng		93
80) Benzo(a)anthracene	13.88	228	1573443	35.91	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	311295	20.36	ng	#	98
82) Chrysene	13.92	228	1366471	32.46	ng		98
83) Bis(2-ethylhexyl)phthalate	13.88	149	1051901	32.86	ng		99
84) Di-n-octyl phthalate	14.50	149	1965627	36.37	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.60	276	1148452	34.41	ng		98
87) Benzo(b)fluoranthene	14.89	252	1746632m	45.56	ng		
88) Benzo(k)fluoranthene	14.92	252	956663m	30.51	ng		
89) Benzo(a)pyrene	15.22	252	1230811	37.85	ng	#	97
90) Dibenzo(a,h)anthracene	16.61	278	954616	34.12	ng		97
91) Benzo(g,h,i)perylene	16.99	276	951921	32.85	ng		99

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

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