Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084587.D
Acq On : 22 Jan 2016 14:13
Operator : SJ/IZ
Sample : PB87895BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87895BSD

Manual Integrations APPROVED
mohammad
1/25/2016 2:58:37 PM

Quant Time: Jan 22 23:12:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	208276	20.00	ng		-0.08
21) Naphthalene-d8	8.03	136	857905	20.00	ng		-0.09
38) Acenaphthene-d10	9.79	164	454225	20.00	ng		-0.08
63) Phenanthrene-d10	11.26	188	820896	20.00	ng		-0.09
75) Chrysene-d12	13.91	240	621125	20.00	ng		-0.09
86) Perylene-d12	15.30	264	509279	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1046211	81.25	ng		-0.08
7) Phenol-d6	6.40	99	1318585	81.53	ng		-0.08
23) Nitrobenzene-d5	7.32	82	1200714	77.89	ng		-0.08
41) 2,4,6-Tribromophenol	10.58	330	357130	77.88	ng		-0.09
44) 2-Fluorobiphenyl	9.12	172	2032631	78.22	ng		-0.08
78) Terphenyl-d14	12.85	244	2043043	73.42	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	198662	32.57	ng	#	76
3) Pyridine	3.04	79	465628	27.38	ng	#	69
4) n-Nitrosodimethylamine	2.99	42	258371	29.60	ng	#	71
6) Aniline	6.41	93	265910	11.24	ng	#	1
8) 2-Chlorophenol	6.53	128	586699	40.16	ng		96
9) Benzaldehyde	6.29	77	49275	4.68	ng		86
10) Phenol	6.41	94	733928	39.92	ng		96
11) bis(2-Chloroethyl)ether	6.49	93	571469	40.12	ng		86
12) 1,3-Dichlorobenzene	6.68	146	544583m	36.14	ng		
13) 1,4-Dichlorobenzene	6.76	146	574841	38.04	ng		96
14) 1,2-Dichlorobenzene	6.92	146	533340	36.85	ng		95
15) Benzyl Alcohol	6.90	79	481013	35.36	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	876600	33.80	ng		86
17) 2-Methylphenol	7.01	107	455914	37.24	ng		95
18) Hexachloroethane	7.25	117	223275	36.95	ng	#	88
19) n-Nitroso-di-n-propylamine	7.17	70	405967	37.08	ng	#	78
20) 3+4-Methylphenols	7.17	107	581554	40.41	ng	#	84
22) Acetophenone	7.16	105	772037	37.42	ng		97
24) Nitrobenzene	7.33	77	586003	37.48	ng		97
25) Isophorone	7.57	82	1066899	36.19	ng		98
26) 2-Nitrophenol	7.65	139	320136	44.99	ng	#	90
27) 2,4-Dimethylphenol	7.70	122	538631	37.40	ng		96
28) bis(2-Chloroethoxy)methane	7.79	93	651537	36.18	ng		98
29) 2,4-Dichlorophenol	7.89	162	455387	37.96	ng		96
30) 1,2,4-Trichlorobenzene	7.97	180	470228	37.97	ng		97
31) Naphthalene	8.05	128	1500326	38.55	ng		99
32) Benzoic acid	7.84	122	337917	37.97	ng		96
33) 4-Chloroaniline	8.11	127	127065	7.12	ng	#	94
34) Hexachlorobutadiene	8.18	225	297131	41.73	ng		99
35) Caprolactam	8.49	113	159595m	39.46	ng		
36) 4-Chloro-3-methylphenol	8.60	107	547431	40.74	ng		96
37) 2-Methylnaphthalene	8.75	142	1137357	40.71	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	427066	32.70	ng		98
40) Hexachlorocyclopentadiene	8.90	237	472185	59.90	ng		98

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Quant Time: Jan 22 23:12:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	331454	33.93	ng		94
43) 2,4,5-Trichlorophenol	9.08	196	353754	37.77	ng		95
45) 1,1'-Biphenyl	9.22	154	1310316	36.30	ng		95
46) 2-Chloronaphthalene	9.23	162	991536	34.97	ng		97
47) 2-Nitroaniline	9.33	65	321411	34.34	ng		96
48) Acenaphthylene	9.65	152	1649119	39.36	ng		98
49) Dimethylphthalate	9.53	163	1262458	38.88	ng	#	91
50) 2,6-Dinitrotoluene	9.58	165	297596	41.79	ng	#	86
51) Acenaphthene	9.82	154	1067598	37.99	ng		98
52) 3-Nitroaniline	9.74	138	97331	11.03	ng		93
53) 2,4-Dinitrophenol	9.86	184	283567	92.87	ng	#	89
54) Dibenzofuran	10.00	168	1385714	37.58	ng		93
55) 4-Nitrophenol	9.93	139	390320	60.93	ng	#	77
56) 2,4-Dinitrotoluene	9.98	165	337096	37.40	ng	#	83
57) Fluorene	10.34	166	1133160	40.00	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	277780	34.74	ng		90
59) Diethylphthalate	10.22	149	1258957	39.32	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	471095	38.54	ng		90
61) 4-Nitroaniline	10.36	138	243829	30.99	ng		94
62) Azobenzene	10.49	77	1199085	34.15	ng		87
64) 4,6-Dinitro-2-methylphenol	10.40	198	205219	40.93	ng		80
65) n-Nitrosodiphenylamine	10.45	169	977794	37.25	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	317914	35.98	ng	#	80
67) Hexachlorobenzene	10.89	284	362463	36.45	ng	#	86
68) Atrazine	10.99	200	360323	41.95	ng		94
69) Pentachlorophenol	11.08	266	367868	71.34	ng		99
70) Phenanthrene	11.30	178	1768059	41.18	ng		97
71) Anthracene	11.34	178	1538159	36.54	ng		98
72) Carbazole	11.50	167	1429263	34.73	ng		98
73) Di-n-butylphthalate	11.85	149	1877205	42.24	ng		98
74) Fluoranthene	12.48	202	1600589	35.68	ng		99
76) Benzidine	12.60	184	436972	19.62	ng		99
77) Pyrene	12.71	202	1603586	32.90	ng		98
79) Butylbenzylphthalate	13.33	149	754125	35.75	ng		88
80) Benzo(a)anthracene	13.89	228	1385176	37.98	ng		98
81) 3,3'-Dichlorobenzidine	13.86	252	257455	20.23	ng	#	96
82) Chrysene	13.93	228	1215984	34.70	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	979478	36.76	ng	#	93
84) Di-n-octyl phthalate	14.51	149	1679832	37.34	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.63	276	1102234	39.68	ng		99
87) Benzo(b)fluoranthene	14.91	252	1296139m	38.91	ng		
88) Benzo(k)fluoranthene	14.93	252	971019m	35.64	ng		
89) Benzo(a)pyrene	15.24	252	1058411	37.46	ng		97
90) Dibenzo(a,h)anthracene	16.64	278	921585	37.90	ng		97
91) Benzo(g,h,i)perylene	17.03	276	931992	37.01	ng		99

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

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