Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092796.D
Acq On : 4 Feb 2017 00:50
Operator : SJ/MA
Sample : I1690-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Manual Integrations APPROVED
mohammad
2/6/2017 12:34:20 PM

Quant Time: Feb 06 05:04:29 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	135321	20.00	ng		-0.05
21) Naphthalene-d8	8.21	136	566683	20.00	ng		-0.05
38) Acenaphthene-d10	9.97	164	298323	20.00	ng		-0.03
63) Phenanthrene-d10	11.46	188	564244	20.00	ng		-0.03
75) Chrysene-d12	14.11	240	337501	20.00	ng		-0.03
86) Perylene-d12	15.57	264	322551	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1079988	136.92	ng		-0.03
7) Phenol-d6	6.58	99	1526600	150.42	ng		-0.02
23) Nitrobenzene-d5	7.49	82	903770	88.81	ng		-0.05
41) 2,4,6-Tribromophenol	10.77	330	316353	146.62	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1713482	104.06	ng		-0.03
78) Terphenyl-d14	13.05	244	1294043	90.09	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	159255	37.37	ng	#	81
3) Pyridine	3.32	79	432326	39.89	ng		86
4) n-Nitrosodimethylamine	3.29	42	237590	46.69	ng		91
6) Aniline	6.59	93	558570	40.35	ng		90
8) 2-Chlorophenol	6.72	128	442595	50.86	ng		100
9) Benzaldehyde	6.48	77	247370	34.02	ng		93
10) Phenol	6.59	94	711303	59.91	ng		91
11) bis(2-Chloroethyl)ether	6.67	93	436475	46.05	ng		95
12) 1,3-Dichlorobenzene	6.86	146	464764m	45.60	ng		
13) 1,4-Dichlorobenzene	6.94	146	509899	49.43	ng		95
14) 1,2-Dichlorobenzene	7.09	146	441106	44.72	ng		98
15) Benzyl Alcohol	7.07	79	357082	47.53	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	746477	45.34	ng		94
17) 2-Methylphenol	7.20	107	375700	50.33	ng		98
18) Hexachloroethane	7.44	117	157414	44.70	ng		91
19) n-Nitroso-di-n-propylamine	7.34	70	297898	46.11	ng		95
20) 3+4-Methylphenols	7.34	107	466675	52.29	ng		95
22) Acetophenone	7.34	105	580002	44.83	ng	#	91
24) Nitrobenzene	7.52	77	517878	49.56	ng		91
25) Isophorone	7.76	82	889864	46.93	ng		99
26) 2-Nitrophenol	7.82	139	237669	47.85	ng		93
27) 2,4-Dimethylphenol	7.87	122	391488	44.88	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	541297	43.10	ng		99
29) 2,4-Dichlorophenol	8.08	162	410938	50.51	ng		94
30) 1,2,4-Trichlorobenzene	8.16	180	413200	47.13	ng		98
31) Naphthalene	8.24	128	1325359	46.14	ng		99
32) Benzoic acid	7.94	122	15857m	9.90	ng		
33) 4-Chloroaniline	8.28	127	169209	15.02	ng		99
34) Hexachlorobutadiene	8.35	225	212505	44.06	ng		98
35) Caprolactam	8.66	113	127652m	49.88	ng		
36) 4-Chloro-3-methylphenol	8.78	107	431015	50.81	ng		97
37) 2-Methylnaphthalene	8.93	142	911030	49.39	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	365214	43.61	ng		99
40) Hexachlorocyclopentadiene	9.08	237	247950	65.63	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	286203	52.01	ng		96
43) 2,4,5-Trichlorophenol	9.26	196	291526	48.35	ng	#	80
45) 1,1'-Biphenyl	9.39	154	1026472	47.52	ng		96
46) 2-Chloronaphthalene	9.42	162	866758	51.29	ng		97
47) 2-Nitroaniline	9.52	65	258584	45.51	ng		97
48) Acenaphthylene	9.84	152	1234340	42.28	ng		99
49) Dimethylphthalate	9.70	163	1042133	51.86	ng		98
50) 2,6-Dinitrotoluene	9.77	165	238515	54.96	ng		92
51) Acenaphthene	10.01	154	728676	41.75	ng		97
52) 3-Nitroaniline	9.94	138	161446	32.51	ng	#	69
53) 2,4-Dinitrophenol	10.04	184	30409	17.69	ng		93
54) Dibenzofuran	10.18	168	1083433	46.41	ng		98
55) 4-Nitrophenol	10.11	139	308369	86.21	ng		91
56) 2,4-Dinitrotoluene	10.17	165	264363	45.76	ng		96
57) Fluorene	10.52	166	828065	46.11	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.30	232	220353	54.79	ng		97
59) Diethylphthalate	10.41	149	972328	51.35	ng	#	94
60) 4-Chlorophenyl-phenylether	10.52	204	409524	47.46	ng	#	73
61) 4-Nitroaniline	10.56	138	238615	46.91	ng		90
62) Azobenzene	10.68	77	1013427	51.80	ng		88
64) 4,6-Dinitro-2-methylphenol	10.58	198	85728	26.24	ng	#	76
65) n-Nitrosodiphenylamine	10.64	169	757249	42.01	ng		100
66) 4-Bromophenyl-phenylether	11.01	248	246128	41.75	ng	#	77
67) Hexachlorobenzene	11.07	284	230572	39.58	ng	#	80
68) Atrazine	11.17	200	288346	49.85	ng		93
69) Pentachlorophenol	11.28	266	257053	84.98	ng		99
70) Phenanthrene	11.49	178	1484383	45.92	ng		100
71) Anthracene	11.54	178	1367897	42.14	ng		99
72) Carbazole	11.70	167	1245938	40.15	ng		100
73) Di-n-butylphthalate	12.03	149	1684968	50.21	ng	#	96
74) Fluoranthene	12.68	202	1338053	40.13	ng		94
76) Benzidine	12.80	184	456939	31.77	ng		97
77) Pyrene	12.91	202	1312478	51.96	ng		99
79) Butylbenzylphthalate	13.53	149	581502	56.69	ng	#	75
80) Benzo(a)anthracene	14.10	228	953957	46.21	ng		99
81) 3,3'-Dichlorobenzidine	14.07	252	275323	37.42	ng	#	94
82) Chrysene	14.13	228	862513	44.63	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	732715	52.24	ng		99
84) Di-n-octyl phthalate	14.69	149	1205937	52.80	ng		99
85) Indeno(1,2,3-cd)pyrene	17.05	276	951636	63.57	ng		95
87) Benzo(b)fluoranthene	15.15	252	1027450m	48.40	ng		
88) Benzo(k)fluoranthene	15.17	252	722037m	39.39	ng		
89) Benzo(a)pyrene	15.52	252	871985	47.48	ng		97
90) Dibenzo(a,h)anthracene	17.06	278	782755	52.74	ng		97
91) Benzo(g,h,i)perylene	17.49	276	803616	53.60	ng	#	95

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

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