Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085740.D
Acq On : 25 Mar 2016 4:13
Operator : UM/SJ
Sample : H1884-18MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)MS

Manual Integrations APPROVED
Sohil
3/25/2016 3:04:39 PM

Quant Time: Mar 25 07:21:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	110314	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	450063	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	211372	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	413044	20.00	ng		0.00
75) Chrysene-d12	13.98	240	258975	20.00	ng		0.00
86) Perylene-d12	15.40	264	196121	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	897945	135.56	ng		0.02
7) Phenol-d6	6.47	99	1191753	141.51	ng		0.01
23) Nitrobenzene-d5	7.40	82	735435	92.02	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	363383	180.94	ng		0.01
44) 2-Fluorobiphenyl	9.19	172	1163205	91.94	ng		0.00
78) Terphenyl-d14	12.93	244	1090813	86.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	136061	43.02	ng		99
3) Pyridine	3.17	79	384621	50.72	ng		99
4) n-Nitrosodimethylamine	3.12	42	165251	54.44	ng		99
6) Aniline	6.49	93	340810	30.06	ng		97
8) 2-Chlorophenol	6.61	128	382839	49.74	ng		87
9) Benzaldehyde	6.37	77	54457	10.73	ng		93
10) Phenol	6.48	94	460254	48.24	ng		91
11) bis(2-Chloroethyl)ether	6.56	93	359009	48.90	ng		93
12) 1,3-Dichlorobenzene	6.77	146	419005m	50.56	ng		
13) 1,4-Dichlorobenzene	6.85	146	415854m	49.48	ng		
14) 1,2-Dichlorobenzene	7.00	146	390117	49.81	ng		98
15) Benzyl Alcohol	6.97	79	288824	51.40	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	472787	48.53	ng		96
17) 2-Methylphenol	7.09	107	320339	51.99	ng		98
18) Hexachloroethane	7.34	117	157468	51.17	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	233037	46.21	ng		94
20) 3+4-Methylphenols	7.25	107	385496	52.04	ng	#	86
22) Acetophenone	7.24	105	510671	48.71	ng		97
24) Nitrobenzene	7.42	77	436846	53.02	ng	#	84
25) Isophorone	7.66	82	804442	52.25	ng		95
26) 2-Nitrophenol	7.73	139	203136	49.29	ng	#	86
27) 2,4-Dimethylphenol	7.77	122	375092	52.06	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	464936	53.00	ng		98
29) 2,4-Dichlorophenol	7.98	162	343515	56.72	ng		94
30) 1,2,4-Trichlorobenzene	8.06	180	347255	51.65	ng		95
31) Naphthalene	8.14	128	1148998	50.67	ng		99
32) Benzoic acid	7.86	122	38980	8.15	ng		95
33) 4-Chloroaniline	8.18	127	123495	13.34	ng		96
34) Hexachlorobutadiene	8.25	225	186757	51.11	ng		99
35) Caprolactam	8.57	113	117726m	54.88	ng		
36) 4-Chloro-3-methylphenol	8.69	107	391844	55.39	ng		88
37) 2-Methylnaphthalene	8.82	142	711080	57.57	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	326044	52.02	ng		99
40) Hexachlorocyclopentadiene	8.98	237	259435	97.09	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	235914	55.73	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	247201	55.68	ng	#	92
45) 1,1'-Biphenyl	9.29	154	915265	51.32	ng		96
46) 2-Chloronaphthalene	9.32	162	684559	52.20	ng		95
47) 2-Nitroaniline	9.42	65	234492	58.47	ng	#	79
48) Acenaphthylene	9.73	152	1026044	48.01	ng		100
49) Dimethylphthalate	9.60	163	1024725	63.90	ng		99
50) 2,6-Dinitrotoluene	9.66	165	186112	53.92	ng		88
51) Acenaphthene	9.90	154	639048	48.96	ng		99
52) 3-Nitroaniline	9.83	138	124381	31.48	ng	#	75
53) 2,4-Dinitrophenol	9.93	184	70884	43.62	ng		96
54) Dibenzofuran	10.07	168	857586	50.76	ng		96
55) 4-Nitrophenol	10.00	139	295230	114.70	ng		97
56) 2,4-Dinitrotoluene	10.06	165	230351	52.50	ng	#	46
57) Fluorene	10.41	166	666442	47.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	191777	62.15	ng		96
59) Diethylphthalate	10.30	149	872602	55.08	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	320328	46.65	ng		92
61) 4-Nitroaniline	10.45	138	212825	56.32	ng		96
62) Azobenzene	10.56	77	819407	53.82	ng		96
64) 4,6-Dinitro-2-methylphenol	10.47	198	106675	44.10	ng		90
65) n-Nitrosodiphenylamine	10.53	169	625490	47.81	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	202851	48.00	ng		92
67) Hexachlorobenzene	10.96	284	224142	50.72	ng	#	88
68) Atrazine	11.05	200	220718	49.97	ng		97
69) Pentachlorophenol	11.16	266	219291	101.08	ng		98
70) Phenanthrene	11.37	178	1036910	48.89	ng		100
71) Anthracene	11.43	178	1185038	53.22	ng		99
72) Carbazole	11.58	167	896172	47.94	ng		99
73) Di-n-butylphthalate	11.91	149	1191770	46.46	ng		99
74) Fluoranthene	12.56	202	1159140	51.42	ng		92
76) Benzidine	12.68	184	409268	44.87	ng		99
77) Pyrene	12.79	202	1161155	54.55	ng		99
79) Butylbenzylphthalate	13.41	149	507556	56.93	ng		98
80) Benzo(a)anthracene	13.97	228	740753	50.16	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	143202	13.97	ng		98
82) Chrysene	14.01	228	752392	50.58	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	573739	53.75	ng		99
84) Di-n-octyl phthalate	14.57	149	925765	58.33	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	667562	58.12	ng		99
87) Benzo(b)fluoranthene	15.00	252	646435m	52.32	ng		
88) Benzo(k)fluoranthene	15.02	252	553551m	49.70	ng		
89) Benzo(a)pyrene	15.34	252	577486	52.64	ng		99
90) Dibenzo(a,h)anthracene	16.80	278	557696	54.72	ng		97
91) Benzo(g,h,i)perylene	17.20	276	555924	53.86	ng		98

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

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