Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086063.D
Acq On : 5 Apr 2016 4:39
Operator : UM/SJ
Sample : H2111-04MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-29COMP(0.5-15.0)MS

Manual Integrations APPROVED
Sohil
4/5/2016 6:39:58 PM

Quant Time: Apr 05 05:08:40 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	109418	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	415519	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	164536	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	262771	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	186303	20.00	ng		0.00
86) Perylene-d12	15.32	264	152332	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	863169	134.84	ng		0.00
7) Phenol-d6	6.42	99	1054523	129.69	ng		0.00
23) Nitrobenzene-d5	7.33	82	685084	97.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	202752	131.29	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	993149	100.36	ng		-0.01
78) Terphenyl-d14	12.86	244	717073	90.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	127060	41.87	ng		98
3) Pyridine	3.04	79	327002	48.13	ng		99
4) n-Nitrosodimethylamine	2.99	42	152024	50.88	ng		98
6) Aniline	6.43	93	227072	21.28	ng	#	1
8) 2-Chlorophenol	6.56	128	357989	46.89	ng		98
9) Benzaldehyde	6.32	77	161877	37.00	ng		90
10) Phenol	6.43	94	392596	42.33	ng		81
11) bis(2-Chloroethyl)ether	6.51	93	352795	48.03	ng		96
12) 1,3-Dichlorobenzene	6.70	146	373636	46.18	ng	#	95
13) 1,4-Dichlorobenzene	6.78	146	379705	45.55	ng		95
14) 1,2-Dichlorobenzene	6.93	146	338038	44.06	ng		96
15) Benzyl Alcohol	6.92	79	259932	49.41	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	382949	42.68	ng		67
17) 2-Methylphenol	7.04	107	281867	46.83	ng		95
18) Hexachloroethane	7.28	117	96224	31.39	ng		97
19) n-Nitroso-di-n-propylamine	7.18	70	230451	45.73	ng	#	90
20) 3+4-Methylphenols	7.20	107	366927	50.12	ng	#	63
22) Acetophenone	7.18	105	490953	50.26	ng	#	91
24) Nitrobenzene	7.36	77	369685	47.96	ng		97
25) Isophorone	7.60	82	676990	48.67	ng		96
26) 2-Nitrophenol	7.68	139	145147	39.36	ng		92
27) 2,4-Dimethylphenol	7.72	122	330852	49.95	ng		96
28) bis(2-Chloroethoxy)methane	7.80	93	407350	49.91	ng	#	98
29) 2,4-Dichlorophenol	7.92	162	267839	47.83	ng		94
30) 1,2,4-Trichlorobenzene	8.00	180	297582	47.34	ng		96
31) Naphthalene	8.08	128	987769	47.26	ng		99
32) Benzoic acid	7.84	122	68556	14.11	ng		99
33) 4-Chloroaniline	8.13	127	106032	12.56	ng		98
34) Hexachlorobutadiene	8.19	225	155697	46.07	ng		99
35) Caprolactam	8.51	113	91506	51.51	ng	#	76
36) 4-Chloro-3-methylphenol	8.62	107	283474	45.03	ng		97
37) 2-Methylnaphthalene	8.76	142	569352	41.70	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	264949	53.58	ng		99
40) Hexachlorocyclopentadiene	8.91	237	9850	12.58	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	167810	52.84	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	173367	53.77	ng	#	86
45) 1,1'-Biphenyl	9.23	154	725437	51.13	ng		96
46) 2-Chloronaphthalene	9.25	162	522846	50.84	ng		95
47) 2-Nitroaniline	9.36	65	181823	60.43	ng		96
48) Acenaphthylene	9.66	152	789418	47.92	ng		100
49) Dimethylphthalate	9.53	163	775491	63.59	ng		99
50) 2,6-Dinitrotoluene	9.60	165	109619	42.49	ng		96
51) Acenaphthene	9.84	154	458630	46.81	ng		99
52) 3-Nitroaniline	9.77	138	134745	43.33	ng		98
53) 2,4-Dinitrophenol	9.89	184	7082	9.22	ng		88
54) Dibenzofuran	10.01	168	629313	48.64	ng		97
55) 4-Nitrophenol	9.95	139	164703	89.84	ng		99
56) 2,4-Dinitrotoluene	10.01	165	136772	41.95	ng	#	60
57) Fluorene	10.35	166	506946	45.86	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	117341	48.88	ng		99
59) Diethylphthalate	10.22	149	615668	50.02	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	233579	45.37	ng		93
61) 4-Nitroaniline	10.38	138	154622	50.49	ng		93
62) Azobenzene	10.50	77	589422	49.99	ng		96
64) 4,6-Dinitro-2-methylphenol	10.42	198	8722	5.48	ng		88
65) n-Nitrosodiphenylamine	10.46	169	463208	56.37	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	144219	53.76	ng		96
67) Hexachlorobenzene	10.90	284	139733	50.37	ng	#	83
68) Atrazine	10.99	200	118410	44.59	ng		95
69) Pentachlorophenol	11.10	266	125088	96.21	ng		100
70) Phenanthrene	11.31	178	702946	49.04	ng		100
71) Anthracene	11.37	178	708097	47.15	ng		98
72) Carbazole	11.52	167	631552	48.93	ng		98
73) Di-n-butylphthalate	11.85	149	848328	53.04	ng		99
74) Fluoranthene	12.50	202	687605	46.12	ng		92
76) Benzidine	12.62	184	490814	74.67	ng		98
77) Pyrene	12.73	202	678585	51.69	ng		100
79) Butylbenzylphthalate	13.35	149	342658	57.96	ng		95
80) Benzo(a)anthracene	13.92	228	546801	49.79	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	166698	20.78	ng	#	97
82) Chrysene	13.95	228	549704	51.96	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	459254	58.53	ng	#	95
84) Di-n-octyl phthalate	14.51	149	771640	61.59	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	406200	47.33	ng		99
87) Benzo(b)fluoranthene	14.93	252	511111m	53.34	ng		
88) Benzo(k)fluoranthene	14.96	252	399779m	47.11	ng		
89) Benzo(a)pyrene	15.27	252	422312	49.74	ng		98
90) Dibenzo(a,h)anthracene	16.69	278	348726	51.05	ng		99
91) Benzo(g,h,i)perylene	17.09	276	321786	48.68	ng		95

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

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