Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087726.D
Acq On : 6 Jun 2016 00:22
Operator : UM/SJ
Sample : H3378-03MS
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Manual Integrations APPROVED
SOHIL
6/6/2016 7:25:09 PM

Quant Time: Jun 06 04:38:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	114322	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	473557	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	225256	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	391832	20.00	ng		0.00
75) Chrysene-d12	14.02	240	257219	20.00	ng		0.00
86) Perylene-d12	15.44	264	230505	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1072933	151.69	ng		0.02
7) Phenol-d6	6.50	99	1276958	143.96	ng		0.01
23) Nitrobenzene-d5	7.43	82	761273	93.01	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	314213	138.96	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1443206	107.74	ng		0.00
78) Terphenyl-d14	12.97	244	1056710	100.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	132104	38.64	ng	#	32
3) Pyridine	3.28	79	391906	43.39	ng		98
4) n-Nitrosodimethylamine	3.22	42	174982	45.86	ng		97
6) Aniline	6.52	93	404495	32.17	ng		99
8) 2-Chlorophenol	6.65	128	400369	49.19	ng		87
9) Benzaldehyde	6.40	77	26694	4.45	ng		85
10) Phenol	6.51	94	532915	52.76	ng		87
11) bis(2-Chloroethyl)ether	6.60	93	384587	52.40	ng		88
12) 1,3-Dichlorobenzene	6.80	146	372825	42.78	ng		99
13) 1,4-Dichlorobenzene	6.88	146	411479	47.06	ng		99
14) 1,2-Dichlorobenzene	7.04	146	362353	44.20	ng		99
15) Benzyl Alcohol	7.00	79	292276	44.60	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	482608	45.09	ng		97
17) 2-Methylphenol	7.12	107	308366	47.19	ng		99
18) Hexachloroethane	7.37	117	143610	46.97	ng	#	84
19) n-Nitroso-di-n-propylamine	7.29	70	264163	47.68	ng	#	85
20) 3+4-Methylphenols	7.28	107	391870	48.94	ng	#	77
22) Acetophenone	7.28	105	487628	45.46	ng	#	92
24) Nitrobenzene	7.45	77	420557	51.34	ng		100
25) Isophorone	7.69	82	699879	46.97	ng		99
26) 2-Nitrophenol	7.76	139	190406	50.02	ng		97
27) 2,4-Dimethylphenol	7.80	122	365377	46.32	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	429201	45.41	ng	#	97
29) 2,4-Dichlorophenol	8.00	162	314088	48.48	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	327952	48.34	ng		99
31) Naphthalene	8.17	128	1102059	47.86	ng		100
32) Benzoic acid	7.90	122	75885	15.95	ng		94
33) 4-Chloroaniline	8.22	127	266590	26.65	ng		97
34) Hexachlorobutadiene	8.30	225	164361	46.60	ng		98
35) Caprolactam	8.59	113	112219m	52.73	ng		
36) 4-Chloro-3-methylphenol	8.71	107	361370	53.92	ng		94
37) 2-Methylnaphthalene	8.86	142	713720	46.94	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	277079	44.63	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	286065	78.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	251491	53.64	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	213684	48.97	ng		99
45) 1,1'-Biphenyl	9.32	154	763465	41.76	ng		99
46) 2-Chloronaphthalene	9.35	162	626259	43.04	ng		100
47) 2-Nitroaniline	9.45	65	215328	52.55	ng	#	58
48) Acenaphthylene	9.77	152	1101603	48.54	ng		99
49) Dimethylphthalate	9.63	163	786280	48.01	ng		99
50) 2,6-Dinitrotoluene	9.69	165	180084	48.33	ng	#	75
51) Acenaphthene	9.94	154	693785	47.51	ng		99
52) 3-Nitroaniline	9.85	138	145511	34.14	ng		96
53) 2,4-Dinitrophenol	9.95	184	82821	50.48	ng	#	85
54) Dibenzofuran	10.11	168	990585	49.83	ng		95
55) 4-Nitrophenol	10.02	139	328303	90.14	ng	#	85
56) 2,4-Dinitrotoluene	10.09	165	222141	46.82	ng	#	67
57) Fluorene	10.46	166	696889	44.84	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	186641	49.66	ng	#	55
59) Diethylphthalate	10.33	149	716369	43.56	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	292576	52.49	ng		99
61) 4-Nitroaniline	10.47	138	190893	46.59	ng		95
62) Azobenzene	10.60	77	787650	47.58	ng		99
64) 4,6-Dinitro-2-methylphenol	10.50	198	99135	45.62	ng	#	53
65) n-Nitrosodiphenylamine	10.57	169	671633	52.33	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	207909	53.51	ng		98
67) Hexachlorobenzene	10.99	284	199820	45.99	ng		99
68) Atrazine	11.10	200	203492	53.53	ng		95
69) Pentachlorophenol	11.19	266	213312	82.63	ng		99
70) Phenanthrene	11.40	178	999627	47.05	ng		99
71) Anthracene	11.46	178	1012387	47.56	ng		100
72) Carbazole	11.61	167	915003	45.41	ng		100
73) Di-n-butylphthalate	11.95	149	1158038	53.60	ng		100
74) Fluoranthene	12.59	202	970056	46.40	ng		99
76) Benzidine	12.72	184	267918	26.41	ng		98
77) Pyrene	12.82	202	1006926	54.97	ng		100
79) Butylbenzylphthalate	13.45	149	492066	63.12	ng		92
80) Benzo(a)anthracene	14.01	228	736372	49.60	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	170237	40.65	ng		99
82) Chrysene	14.05	228	739019	50.02	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	564841	60.89	ng	#	98
84) Di-n-octyl phthalate	14.62	149	949621	55.06	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	730190	59.79	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	753606m	50.26	ng		
88) Benzo(k)fluoranthene	15.06	252	570755m	45.75	ng		
89) Benzo(a)pyrene	15.38	252	641782	50.92	ng		100
90) Dibenzo(a,h)anthracene	16.87	278	595667	55.53	ng	#	95
91) Benzo(g,h,i)perylene	17.27	276	606057	56.00	ng		96

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

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