Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087838.D
Acq On : 9 Jun 2016 7:13
Operator : UM/SJ
Sample : H3405-02MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Manual Integrations APPROVED
sohil
6/9/2016 8:00:52 PM

Quant Time: Jun 09 08:01:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	107546	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	419468	20.00	ng		-0.01
38) Acenaphthene-d10	9.87	164	175818	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	265829	20.00	ng		0.00
75) Chrysene-d12	13.99	240	190374	20.00	ng		0.00
86) Perylene-d12	15.42	264	172548	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	958635	152.38	ng		0.01
7) Phenol-d6	6.47	99	1183354	155.21	ng		-0.01
23) Nitrobenzene-d5	7.39	82	686486	95.57	ng		-0.02
41) 2,4,6-Tribromophenol	10.66	330	207471	111.76	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1111231	100.28	ng		-0.01
78) Terphenyl-d14	12.95	244	866787	103.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	115087	37.65	ng	#	29
3) Pyridine	3.19	79	340387	47.16	ng		97
4) n-Nitrosodimethylamine	3.12	42	167187	54.70	ng		90
6) Aniline	6.49	93	317722	29.28	ng	#	1
8) 2-Chlorophenol	6.62	128	371978	49.96	ng		93
9) Benzaldehyde	6.36	77	23156	3.96	ng		87
10) Phenol	6.49	94	402620	51.51	ng		95
11) bis(2-Chloroethyl)ether	6.57	93	333087	49.82	ng		90
12) 1,3-Dichlorobenzene	6.76	146	356199	44.59	ng		98
13) 1,4-Dichlorobenzene	6.84	146	367609	45.68	ng		99
14) 1,2-Dichlorobenzene	7.00	146	359281	49.09	ng		99
15) Benzyl Alcohol	6.97	79	272392	45.67	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	456740	50.57	ng		89
17) 2-Methylphenol	7.10	107	296947	49.18	ng		96
18) Hexachloroethane	7.35	117	116136	40.67	ng		89
19) n-Nitroso-di-n-propylamine	7.26	70	260191	53.35	ng	#	86
20) 3+4-Methylphenols	7.24	107	318063	45.14	ng	#	85
22) Acetophenone	7.24	105	451712	48.19	ng	#	89
24) Nitrobenzene	7.42	77	379197	54.50	ng		92
25) Isophorone	7.66	82	656930	49.37	ng		98
26) 2-Nitrophenol	7.74	139	180806	48.51	ng	#	68
27) 2,4-Dimethylphenol	7.77	122	291088	42.41	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	447926	54.28	ng		98
29) 2,4-Dichlorophenol	7.98	162	307342	53.64	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	297245	47.64	ng		99
31) Naphthalene	8.14	128	955579	46.03	ng		100
32) Benzoic acid	7.85	122	29050	7.69	ng		96
33) 4-Chloroaniline	8.18	127	193175	20.84	ng		99
34) Hexachlorobutadiene	8.26	225	156139	47.45	ng		98
35) Caprolactam	8.56	113	85180	44.88	ng		95
36) 4-Chloro-3-methylphenol	8.67	107	281893	46.00	ng		100
37) 2-Methylnaphthalene	8.83	142	650151	47.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	250373	63.40	ng	#	1
40) Hexachlorocyclopentadiene	8.98	237	50513	17.81	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	184393	52.44	ng		96
43) 2,4,5-Trichlorophenol	9.15	196	173388	47.40	ng	#	83
45) 1,1'-Biphenyl	9.30	154	758474	59.47	ng		96
46) 2-Chloronaphthalene	9.32	162	578634	50.86	ng	#	91
47) 2-Nitroaniline	9.42	65	167338	49.86	ng		89
48) Acenaphthylene	9.74	152	865997	47.85	ng		100
49) Dimethylphthalate	9.61	163	1080313	84.82	ng		99
50) 2,6-Dinitrotoluene	9.67	165	151157	51.82	ng	#	88
51) Acenaphthene	9.91	154	504807	44.71	ng		99
52) 3-Nitroaniline	9.83	138	129138	38.37	ng		93
53) 2,4-Dinitrophenol	9.93	184	20323	17.85	ng	#	81
54) Dibenzofuran	10.08	168	730230	46.97	ng		93
55) 4-Nitrophenol	10.00	139	241558	92.47	ng	#	71
56) 2,4-Dinitrotoluene	10.07	165	188175	50.20	ng		96
57) Fluorene	10.42	166	533944	51.52	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	125024	43.49	ng	#	54
59) Diethylphthalate	10.31	149	674390	52.31	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	226262	43.76	ng		91
61) 4-Nitroaniline	10.44	138	143115	44.83	ng		100
62) Azobenzene	10.57	77	563740	44.22	ng		95
64) 4,6-Dinitro-2-methylphenol	10.47	198	24158	16.06	ng		95
65) n-Nitrosodiphenylamine	10.54	169	502339	56.95	ng		100
66) 4-Bromophenyl-phenylether	10.90	248	141826	49.73	ng	#	83
67) Hexachlorobenzene	10.97	284	161108	54.37	ng	#	81
68) Atrazine	11.06	200	126521	47.37	ng		91
69) Pentachlorophenol	11.16	266	170645	109.25	ng		98
70) Phenanthrene	11.38	178	733122	52.56	ng		100
71) Anthracene	11.43	178	674590	47.94	ng		99
72) Carbazole	11.59	167	675498	51.30	ng		99
73) Di-n-butylphthalate	11.93	149	881631	52.89	ng	#	98
74) Fluoranthene	12.57	202	746815	50.73	ng		94
76) Benzidine	12.69	184	184750	35.05	ng		98
77) Pyrene	12.79	202	724299	51.27	ng		100
79) Butylbenzylphthalate	13.42	149	336936	53.95	ng	#	78
80) Benzo(a)anthracene	13.98	228	589148	54.31	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	166643	57.12	ng		99
82) Chrysene	14.02	228	615946	60.35	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	466714	61.39	ng	#	98
84) Di-n-octyl phthalate	14.59	149	828719	67.08	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.81	276	482558	50.89	ng	#	100
87) Benzo(b)fluoranthene	15.01	252	677611m	56.34	ng		
88) Benzo(k)fluoranthene	15.04	252	361919m	39.89	ng		
89) Benzo(a)pyrene	15.36	252	461991	47.48	ng	#	96
90) Dibenzo(a,h)anthracene	16.82	278	397382	43.97	ng		100
91) Benzo(g,h,i)perylene	17.22	276	395074	42.50	ng		99

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

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