Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
Data File : BF090066.D
Acq On : 12 Sep 2016 16:31
Operator : UM/SJ
Sample : H4744-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1AMS

Quant Time: Sep 13 03:04:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	183436	20.00	ng		-0.02
21) Naphthalene-d8	7.86	136	690002	20.00	ng		-0.03
38) Acenaphthene-d10	9.61	164	321953	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	537837	20.00	ng		-0.02
75) Chrysene-d12	13.69	240	389878	20.00	ng		-0.03
86) Perylene-d12	15.03	264	336234	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1350281	117.82	ng		-0.01
7) Phenol-d6	6.24	99	1596410	114.64	ng		-0.01
23) Nitrobenzene-d5	7.15	82	1051204	88.36	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	376640	118.58	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	1706874	87.03	ng		-0.02
78) Terphenyl-d14	12.66	244	1355443	85.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	165515	30.48	ng	#	92
3) Pyridine	2.65	79	481087	33.21	ng		98
4) n-Nitrosodimethylamine	2.59	42	260338	36.44	ng		98
6) Aniline	6.24	93	512324	26.96	ng		91
8) 2-Chlorophenol	6.36	128	529698	42.60	ng		97
9) Benzaldehyde	6.11	77	65273	7.27	ng		92
10) Phenol	6.25	94	675166	41.69	ng	#	78
11) bis(2-Chloroethyl)ether	6.33	93	562851	45.93	ng		86
12) 1,3-Dichlorobenzene	6.51	146	534159m	38.47	ng		
13) 1,4-Dichlorobenzene	6.59	146	553234	38.94	ng		98
14) 1,2-Dichlorobenzene	6.75	146	514190	40.37	ng		95
15) Benzyl Alcohol	6.73	79	362053	41.50	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.88	45	897881	38.43	ng		92
17) 2-Methylphenol	6.86	107	382714	38.54	ng		98
18) Hexachloroethane	7.08	117	166392	34.19	ng	#	89
19) n-Nitroso-di-n-propylamine	7.02	70	363738	40.08	ng		99
20) 3+4-Methylphenols	7.02	107	498214	41.39	ng	#	72
22) Acetophenone	7.00	105	643308	41.56	ng	#	90
24) Nitrobenzene	7.16	77	479029	37.87	ng		97
25) Isophorone	7.42	82	972071	40.18	ng		99
26) 2-Nitrophenol	7.48	139	251701	41.63	ng		98
27) 2,4-Dimethylphenol	7.54	122	440297	39.37	ng		99
28) bis(2-Chloroethoxy)methane	7.63	93	607971	41.66	ng		99
29) 2,4-Dichlorophenol	7.74	162	450945	44.97	ng		93
30) 1,2,4-Trichlorobenzene	7.82	180	462296	42.17	ng		98
31) Naphthalene	7.88	128	1345800	39.15	ng		100
32) Benzoic acid	7.61	122	10265m	1.36	ng		
33) 4-Chloroaniline	7.95	127	462130	33.32	ng		94
34) Hexachlorobutadiene	8.01	225	249533	38.84	ng		99
35) Caprolactam	8.32	113	130810	41.33	ng		88
36) 4-Chloro-3-methylphenol	8.44	107	444911	41.90	ng		94
37) 2-Methylnaphthalene	8.58	142	950946	41.86	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	357398	37.89	ng		98
40) Hexachlorocyclopentadiene	8.73	237	121899	25.21	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	272961	41.76	ng		98
43) 2,4,5-Trichlorophenol	8.90	196	296019	47.10	ng		97
45) 1,1'-Biphenyl	9.04	154	966968	37.30	ng		99
46) 2-Chloronaphthalene	9.06	162	830342	45.28	ng		99
47) 2-Nitroaniline	9.16	65	287488	47.96	ng	#	84
48) Acenaphthylene	9.47	152	1289096	42.52	ng		99
49) Dimethylphthalate	9.36	163	1498154	64.38	ng		98
50) 2,6-Dinitrotoluene	9.42	165	221274	42.75	ng	#	63
51) Acenaphthene	9.64	154	781755	40.70	ng		99
52) 3-Nitroaniline	9.58	138	245917	41.66	ng		83
53) 2,4-Dinitrophenol	9.68	184	20155	12.10	ng	#	78
54) Dibenzofuran	9.82	168	1163391	45.19	ng		99
55) 4-Nitrophenol	9.76	139	281295	63.18	ng		93
56) 2,4-Dinitrotoluene	9.80	165	237949	36.25	ng	#	73
57) Fluorene	10.16	166	825512	43.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	243432	45.24	ng		94
59) Diethylphthalate	10.04	149	914976	41.80	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	379407	42.86	ng		99
61) 4-Nitroaniline	10.18	138	229237	39.53	ng		93
62) Azobenzene	10.31	77	843882	38.59	ng		99
64) 4,6-Dinitro-2-methylphenol	10.22	198	28885	8.39	ng	#	67
65) n-Nitrosodiphenylamine	10.27	169	715160	44.23	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	262329	48.45	ng		96
67) Hexachlorobenzene	10.70	284	245072	39.62	ng		96
68) Atrazine	10.81	200	243600	45.13	ng		93
69) Pentachlorophenol	10.89	266	252407	75.86	ng		98
70) Phenanthrene	11.11	178	1191835	44.50	ng		98
71) Anthracene	11.15	178	1171563	43.13	ng		99
72) Carbazole	11.31	167	1072631	42.11	ng		99
73) Di-n-butylphthalate	11.66	149	1192171	40.16	ng		99
74) Fluoranthene	12.29	202	1252557	44.63	ng		97
76) Benzidine	12.41	184	600858	40.68	ng		96
77) Pyrene	12.50	202	1173169	42.68	ng		99
79) Butylbenzylphthalate	13.14	149	507868	45.81	ng		94
80) Benzo(a)anthracene	13.69	228	1058861	44.34	ng		100
81) 3,3'-Dichlorobenzidine	13.66	252	389599	45.20	ng		98
82) Chrysene	13.73	228	1071729	48.05	ng		98
83) Bis(2-ethylhexyl)phthalate	13.70	149	656192	42.80	ng	#	93
84) Di-n-octyl phthalate	14.32	149	1175844	47.51	ng		99
85) Indeno(1,2,3-cd)pyrene	16.24	276	756911	45.90	ng		98
87) Benzo(b)fluoranthene	14.67	252	816375m	38.76	ng		
88) Benzo(k)fluoranthene	14.70	252	839665m	46.98	ng		
89) Benzo(a)pyrene	14.98	252	814908	45.16	ng		99
90) Dibenzo(a,h)anthracene	16.25	278	624629	47.24	ng		99
91) Benzo(g,h,i)perylene	16.59	276	625785	47.02	ng		98

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

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