Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087902.D
Acq On : 11 Jun 2016 15:10
Operator : UM/SJ
Sample : PB91188BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91188BS

Manual Integrations APPROVED
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6/13/2016 7:44:18 PM

Quant Time: Jun 12 05:12:11 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	6.80	152	101083	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	419218	20.00	ng		-0.03
38) Acenaphthene-d10	9.85	164	209154	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	364550	20.00	ng		-0.03
75) Chrysene-d12	13.97	240	257309	20.00	ng		-0.02
86) Perylene-d12	15.38	264	243323	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	746808	126.30	ng		-0.02
7) Phenol-d6	6.44	99	885199	123.53	ng		-0.03
23) Nitrobenzene-d5	7.37	82	535952	74.65	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	199983	90.55	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	1098680	82.35	ng		-0.03
78) Terphenyl-d14	12.91	244	954188	84.39	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	77338	26.92	ng	#	29
3) Pyridine	3.12	79	238582	35.17	ng		95
4) n-Nitrosodimethylamine	3.06	42	104133	36.25	ng		91
6) Aniline	6.47	93	287622	28.20	ng		100
8) 2-Chlorophenol	6.59	128	302595	43.24	ng		83
9) Benzaldehyde	6.34	77	11406	2.38	ng		92
10) Phenol	6.46	94	364027	49.45	ng		81
11) bis(2-Chloroethyl)ether	6.55	93	287167	45.70	ng		85
12) 1,3-Dichlorobenzene	6.74	146	294463	39.21	ng		98
13) 1,4-Dichlorobenzene	6.82	146	316147	41.79	ng		98
14) 1,2-Dichlorobenzene	6.97	146	278614m	40.50	ng		
15) Benzyl Alcohol	6.95	79	214868	38.33	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	357895	42.16	ng		90
17) 2-Methylphenol	7.06	107	249719	44.00	ng		99
18) Hexachloroethane	7.31	117	107737	40.14	ng	#	81
19) n-Nitroso-di-n-propylamine	7.22	70	192564	42.01	ng		93
20) 3+4-Methylphenols	7.22	107	275847	41.65	ng	#	87
22) Acetophenone	7.22	105	378250	40.37	ng	#	91
24) Nitrobenzene	7.39	77	320807	46.13	ng		98
25) Isophorone	7.63	82	544300	40.93	ng		100
26) 2-Nitrophenol	7.71	139	172162	46.22	ng	#	73
27) 2,4-Dimethylphenol	7.75	122	290726	42.39	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	375328	45.51	ng		98
29) 2,4-Dichlorophenol	7.95	162	273083	47.69	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	245626	39.39	ng		99
31) Naphthalene	8.11	128	817461	39.40	ng		99
32) Benzoic acid	7.87	122	186113	49.28	ng		94
33) 4-Chloroaniline	8.17	127	194747	21.02	ng	#	90
34) Hexachlorobutadiene	8.24	225	136458	41.49	ng		99
35) Caprolactam	8.54	113	88474m	46.64	ng		
36) 4-Chloro-3-methylphenol	8.65	107	276724	45.18	ng		98
37) 2-Methylnaphthalene	8.81	142	604393	44.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	225536	39.88	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	252490	74.84	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	178696	42.72	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	177345	40.75	ng	#	91
45) 1,1'-Biphenyl	9.28	154	702599	44.71	ng		95
46) 2-Chloronaphthalene	9.30	162	554355	40.96	ng	#	90
47) 2-Nitroaniline	9.39	65	178316	44.66	ng	#	83
48) Acenaphthylene	9.71	152	911990	42.36	ng		99
49) Dimethylphthalate	9.58	163	631153	41.66	ng		99
50) 2,6-Dinitrotoluene	9.63	165	144017	41.51	ng	#	60
51) Acenaphthene	9.88	154	576665	42.94	ng		99
52) 3-Nitroaniline	9.80	138	116423	29.08	ng		83
53) 2,4-Dinitrophenol	9.91	184	141255	75.41	ng		93
54) Dibenzofuran	10.06	168	704717	38.10	ng		92
55) 4-Nitrophenol	9.98	139	262177	84.37	ng	#	84
56) 2,4-Dinitrotoluene	10.04	165	208500	46.76	ng		97
57) Fluorene	10.40	166	563296	45.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	132835	38.84	ng	#	53
59) Diethylphthalate	10.27	149	593874	38.72	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	218264	35.49	ng		94
61) 4-Nitroaniline	10.42	138	157503	41.47	ng		99
62) Azobenzene	10.55	77	580882	38.30	ng		96
64) 4,6-Dinitro-2-methylphenol	10.44	198	90911	40.31	ng		98
65) n-Nitrosodiphenylamine	10.51	169	528580	43.70	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	152741	39.05	ng	#	88
67) Hexachlorobenzene	10.95	284	174695	42.99	ng	#	75
68) Atrazine	11.04	200	141502	38.63	ng		92
69) Pentachlorophenol	11.14	266	198923	92.87	ng		97
70) Phenanthrene	11.36	178	876593	45.82	ng		99
71) Anthracene	11.40	178	767651	39.78	ng		99
72) Carbazole	11.56	167	849473	47.04	ng		99
73) Di-n-butylphthalate	11.90	149	861056	37.67	ng		100
74) Fluoranthene	12.54	202	799034	39.58	ng		98
76) Benzidine	12.66	184	309214	43.40	ng		98
77) Pyrene	12.77	202	795138	41.64	ng		100
79) Butylbenzylphthalate	13.39	149	374583	44.37	ng		90
80) Benzo(a)anthracene	13.95	228	647445	44.15	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	126913	32.19	ng	#	96
82) Chrysene	14.00	228	673577	48.83	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	453992	44.18	ng		99
84) Di-n-octyl phthalate	14.57	149	946243	56.67	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.75	276	607411	47.39	ng	#	100
87) Benzo(b)fluoranthene	14.98	252	714552m	42.13	ng		
88) Benzo(k)fluoranthene	15.01	252	541514m	42.33	ng		
89) Benzo(a)pyrene	15.33	252	590999	43.07	ng		97
90) Dibenzo(a,h)anthracene	16.78	278	501521	39.35	ng		97
91) Benzo(g,h,i)perylene	17.17	276	519629	39.64	ng		98

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

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