Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086064.D
Acq On : 5 Apr 2016 5:06
Operator : UM/SJ
Sample : H2111-04MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
4/5/2016 6:39:19 PM

Quant Time: Apr 05 05:33:18 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	108842	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	408050	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	161391	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	253839	20.00	ng		-0.01
75) Chrysene-d12	13.92	240	174583	20.00	ng		-0.01
86) Perylene-d12	15.32	264	137172	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	892171	140.11	ng		0.00
7) Phenol-d6	6.42	99	1063782	131.52	ng		0.00
23) Nitrobenzene-d5	7.33	82	678491	98.06	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	185497	122.46	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	969958	99.93	ng		-0.01
78) Terphenyl-d14	12.87	244	715049	96.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	126818	42.01	ng		99
3) Pyridine	3.05	79	351885	52.07	ng		99
4) n-Nitrosodimethylamine	3.00	42	157552	53.01	ng		97
6) Aniline	6.43	93	230923	21.76	ng	#	1
8) 2-Chlorophenol	6.56	128	356365	46.93	ng		97
9) Benzaldehyde	6.30	77	165460	38.02	ng		90
10) Phenol	6.43	94	407574	44.18	ng		84
11) bis(2-Chloroethyl)ether	6.51	93	346284	47.40	ng		95
12) 1,3-Dichlorobenzene	6.70	146	375368m	46.64	ng		
13) 1,4-Dichlorobenzene	6.78	146	383840	46.29	ng		94
14) 1,2-Dichlorobenzene	6.93	146	340868	44.66	ng		97
15) Benzyl Alcohol	6.92	79	253346	48.42	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	384680	43.10	ng		68
17) 2-Methylphenol	7.04	107	281733	47.06	ng		96
18) Hexachloroethane	7.28	117	97352	31.92	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	225945	45.07	ng	#	92
20) 3+4-Methylphenols	7.20	107	357388	49.08	ng	#	63
22) Acetophenone	7.18	105	481990	50.25	ng	#	90
24) Nitrobenzene	7.36	77	375730	49.63	ng		97
25) Isophorone	7.60	82	678546	49.68	ng		96
26) 2-Nitrophenol	7.68	139	135858	37.51	ng		92
27) 2,4-Dimethylphenol	7.72	122	325826	50.09	ng		95
28) bis(2-Chloroethoxy)methane	7.80	93	403485	50.35	ng	#	97
29) 2,4-Dichlorophenol	7.92	162	261718	47.59	ng		94
30) 1,2,4-Trichlorobenzene	8.00	180	293935	47.62	ng		96
31) Naphthalene	8.08	128	984586	47.97	ng		99
32) Benzoic acid	7.82	122	37906	7.94	ng		94
33) 4-Chloroaniline	8.13	127	113400	13.68	ng		98
34) Hexachlorobutadiene	8.19	225	157874	47.57	ng		99
35) Caprolactam	8.50	113	82474	47.27	ng		92
36) 4-Chloro-3-methylphenol	8.62	107	281924	45.60	ng		98
37) 2-Methylnaphthalene	8.76	142	558698	41.67	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	252887	52.13	ng		99
40) Hexachlorocyclopentadiene	8.91	237	8544	11.78	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	156317	50.18	ng		100
43) 2,4,5-Trichlorophenol	9.09	196	164059	51.88	ng	#	85
45) 1,1'-Biphenyl	9.23	154	702291	50.47	ng		96
46) 2-Chloronaphthalene	9.25	162	513958	50.95	ng		95
47) 2-Nitroaniline	9.36	65	178612	60.52	ng		97
48) Acenaphthylene	9.66	152	762934	47.21	ng		100
49) Dimethylphthalate	9.53	163	723792	60.51	ng		99
50) 2,6-Dinitrotoluene	9.60	165	107164	42.34	ng		99
51) Acenaphthene	9.84	154	451143	46.94	ng		99
52) 3-Nitroaniline	9.77	138	140716	46.13	ng		100
53) 2,4-Dinitrophenol	9.90	184	3164	5.41	ng		90
54) Dibenzofuran	10.01	168	623896	49.16	ng		98
55) 4-Nitrophenol	9.95	139	154002	85.64	ng		96
56) 2,4-Dinitrotoluene	10.01	165	123959	38.76	ng	#	62
57) Fluorene	10.35	166	483580	44.60	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	115574	49.08	ng		98
59) Diethylphthalate	10.22	149	580005	48.04	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	219484	43.46	ng		94
61) 4-Nitroaniline	10.38	138	151931	50.58	ng		94
62) Azobenzene	10.50	77	563612	48.74	ng		95
64) 4,6-Dinitro-2-methylphenol	10.42	198	5605	3.64	ng		95
65) n-Nitrosodiphenylamine	10.46	169	440893	55.54	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	134052	51.73	ng		93
67) Hexachlorobenzene	10.90	284	132299	49.37	ng	#	84
68) Atrazine	10.99	200	111483	43.46	ng		98
69) Pentachlorophenol	11.10	266	116426	92.70	ng		99
70) Phenanthrene	11.31	178	680951	49.17	ng		99
71) Anthracene	11.36	178	650824	44.86	ng		99
72) Carbazole	11.52	167	582909	46.75	ng		98
73) Di-n-butylphthalate	11.85	149	804307	52.05	ng		100
74) Fluoranthene	12.50	202	648382	45.02	ng		90
76) Benzidine	12.63	184	497764	80.81	ng		98
77) Pyrene	12.73	202	664691	54.03	ng		100
79) Butylbenzylphthalate	13.35	149	316830	57.19	ng		99
80) Benzo(a)anthracene	13.92	228	508101	49.37	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	150371	20.00	ng		98
82) Chrysene	13.95	228	496637	50.10	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	432356	58.81	ng		98
84) Di-n-octyl phthalate	14.51	149	737368	62.80	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	372163	46.27	ng		99
87) Benzo(b)fluoranthene	14.93	252	478083m	55.40	ng		
88) Benzo(k)fluoranthene	14.96	252	346734m	45.38	ng		
89) Benzo(a)pyrene	15.27	252	377526	49.38	ng		97
90) Dibenzo(a,h)anthracene	16.69	278	320346	52.08	ng		97
91) Benzo(g,h,i)perylene	17.09	276	300619	50.50	ng	#	94

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

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