Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086249.D
Acq On : 16 Apr 2016 7:28
Operator : UM/SJ
Sample : PB89850BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 18 04:43:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : PB89850BS

Manual Integrations APPROVED
Sohil
4/18/2016 7:31:30 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	290163	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1178404	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	554610	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	944435	20.00	ng		0.00
75) Chrysene-d12	14.05	240	574586	20.00	ng		0.00
86) Perylene-d12	15.48	264	493087	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1298112	73.30	ng		0.01
7) Phenol-d6	6.52	99	1600104	72.24	ng		0.00
23) Nitrobenzene-d5	7.46	82	1474760	72.18	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	344010	77.25	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2338525	77.81	ng		0.00
78) Terphenyl-d14	13.00	244	1635676	71.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	301212	30.84	ng		98
3) Pyridine	3.32	79	934938	36.71	ng		98
4) n-Nitrosodimethylamine	3.26	42	364681	39.63	ng	#	72
6) Aniline	6.56	93	704956	22.08	ng		97
8) 2-Chlorophenol	6.68	128	780172	38.94	ng	#	80
9) Benzaldehyde	6.44	77	194768	12.39	ng		89
10) Phenol	6.53	94	972516	36.87	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	754622	38.02	ng	#	82
12) 1,3-Dichlorobenzene	6.83	146	757808	35.65	ng		100
13) 1,4-Dichlorobenzene	6.91	146	745611	36.82	ng		99
14) 1,2-Dichlorobenzene	7.07	146	706976	39.33	ng		99
15) Benzyl Alcohol	7.04	79	633509	40.31	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1160127	37.52	ng		99
17) 2-Methylphenol	7.15	107	690550	41.37	ng		95
18) Hexachloroethane	7.41	117	304493	39.86	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	474340	33.46	ng	#	85
20) 3+4-Methylphenols	7.30	107	674526	36.07	ng		93
22) Acetophenone	7.31	105	931844	41.68	ng	#	99
24) Nitrobenzene	7.48	77	910750	40.77	ng		94
25) Isophorone	7.72	82	1604916	39.59	ng		99
26) 2-Nitrophenol	7.79	139	404915	41.57	ng		93
27) 2,4-Dimethylphenol	7.84	122	800495	40.70	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	942756	39.55	ng		100
29) 2,4-Dichlorophenol	8.03	162	618264	41.35	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	608428	38.88	ng		99
31) Naphthalene	8.20	128	2030446	38.59	ng		100
32) Benzoic acid	7.95	122	521592	41.48	ng		97
33) 4-Chloroaniline	8.25	127	299529	12.73	ng		96
34) Hexachlorobutadiene	8.33	225	315729	40.27	ng		97
35) Caprolactam	8.62	113	244042m	45.07	ng		
36) 4-Chloro-3-methylphenol	8.73	107	722300	41.68	ng		92
37) 2-Methylnaphthalene	8.90	142	1435696	42.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	439832	35.90	ng		98
40) Hexachlorocyclopentadiene	9.05	237	516836	79.05	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	425083	38.91	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	415492	39.37	ng	#	86
45) 1,1'-Biphenyl	9.36	154	1516594	37.99	ng		99
46) 2-Chloronaphthalene	9.38	162	1201245	36.85	ng		99
47) 2-Nitroaniline	9.47	65	430933	40.81	ng		98
48) Acenaphthylene	9.80	152	2131074	41.09	ng		100
49) Dimethylphthalate	9.66	163	1588310	39.39	ng		99
50) 2,6-Dinitrotoluene	9.72	165	380995	42.70	ng		95
51) Acenaphthene	9.97	154	1362820	43.99	ng		100
52) 3-Nitroaniline	9.88	138	219341	20.23	ng		99
53) 2,4-Dinitrophenol	9.98	184	280362	84.61	ng	#	88
54) Dibenzofuran	10.14	168	1781040	43.53	ng		95
55) 4-Nitrophenol	10.04	139	557050	65.67	ng		93
56) 2,4-Dinitrotoluene	10.12	165	483751	42.35	ng	#	79
57) Fluorene	10.49	166	1231046	43.94	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	330399	43.10	ng		98
59) Diethylphthalate	10.36	149	1511228	36.31	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	480717	40.23	ng		95
61) 4-Nitroaniline	10.50	138	357044	38.10	ng		92
62) Azobenzene	10.64	77	1700033	41.74	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	192880	42.91	ng		96
65) n-Nitrosodiphenylamine	10.59	169	1181058	40.83	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	346589	39.38	ng		93
67) Hexachlorobenzene	11.02	284	371984	40.33	ng		93
68) Atrazine	11.13	200	387518	43.72	ng		94
69) Pentachlorophenol	11.22	266	385047	68.84	ng		99
70) Phenanthrene	11.45	178	1925921	42.69	ng		99
71) Anthracene	11.49	178	1731544	38.48	ng		99
72) Carbazole	11.64	167	1828955	42.63	ng		99
73) Di-n-butylphthalate	11.98	149	2182421	37.62	ng		100
74) Fluoranthene	12.62	202	1670450	42.74	ng		99
76) Benzidine	12.75	184	515219	23.12	ng		97
77) Pyrene	12.85	202	1711081	38.82	ng		99
79) Butylbenzylphthalate	13.48	149	958259	47.06	ng		92
80) Benzo(a)anthracene	14.04	228	1177803	37.34	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	268931	14.71	ng	#	96
82) Chrysene	14.08	228	1230782	36.59	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	919243	41.80	ng		99
84) Di-n-octyl phthalate	14.65	149	1759938	41.53	ng		97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1309298	47.36	ng		97
87) Benzo(b)fluoranthene	15.07	252	1111281	36.53	ng		99
88) Benzo(k)fluoranthene	15.11	252	1149211m	41.43	ng		
89) Benzo(a)pyrene	15.43	252	1097989	41.67	ng		100
90) Dibenzo(a,h)anthracene	16.92	278	1080097	46.38	ng		99
91) Benzo(g,h,i)perylene	17.32	276	1156954	46.72	ng	#	94

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

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