Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
Data File : BF090058.D
Acq On : 12 Sep 2016 12:45
Operator : UM/SJ
Sample : PB93311BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93311BSD

Quant Time: Sep 12 16:42:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 12 15:34:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	191455	20.00	ng		-0.01
21) Naphthalene-d8	7.86	136	789367	20.00	ng		0.00
38) Acenaphthene-d10	9.61	164	420025	20.00	ng		0.00
63) Phenanthrene-d10	11.08	188	847182	20.00	ng		0.00
75) Chrysene-d12	13.69	240	597951	20.00	ng		0.00
86) Perylene-d12	15.03	264	498154	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	895302	74.85	ng		0.01
7) Phenol-d6	6.23	99	1075556	74.00	ng		0.00
23) Nitrobenzene-d5	7.14	82	999621	73.44	ng		-0.01
41) 2,4,6-Tribromophenol	10.40	330	339820	82.01	ng		0.00
44) 2-Fluorobiphenyl	8.95	172	2040938	79.76	ng		0.00
78) Terphenyl-d14	12.66	244	1904863	78.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	179876	31.74	ng	#	88
3) Pyridine	2.70	79	524046	34.66	ng		100
4) n-Nitrosodimethylamine	2.66	42	257247	34.50	ng		97
6) Aniline	6.24	93	299193	15.09	ng	#	1
8) 2-Chlorophenol	6.35	128	521749	40.21	ng		87
9) Benzaldehyde	6.11	77	61816	6.59	ng		94
10) Phenol	6.24	94	629838	37.27	ng	#	78
11) bis(2-Chloroethyl)ether	6.32	93	499402	39.05	ng		95
12) 1,3-Dichlorobenzene	6.51	146	594024	40.99	ng	#	95
13) 1,4-Dichlorobenzene	6.59	146	594039	40.06	ng		95
14) 1,2-Dichlorobenzene	6.74	146	518686	39.02	ng		98
15) Benzyl Alcohol	6.73	79	374883	41.17	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.87	45	911424	37.37	ng		93
17) 2-Methylphenol	6.86	107	432513	41.73	ng		99
18) Hexachloroethane	7.08	117	198734	39.13	ng		95
19) n-Nitroso-di-n-propylamine	7.00	70	343577	36.28	ng		91
20) 3+4-Methylphenols	7.02	107	531600	42.32	ng	#	69
22) Acetophenone	6.99	105	637449	36.00	ng	#	91
24) Nitrobenzene	7.16	77	531013	36.70	ng	#	90
25) Isophorone	7.40	82	989768	35.76	ng		98
26) 2-Nitrophenol	7.48	139	304726	44.05	ng		91
27) 2,4-Dimethylphenol	7.54	122	488201	38.15	ng		96
28) bis(2-Chloroethoxy)methane	7.63	93	673444	40.34	ng		99
29) 2,4-Dichlorophenol	7.72	162	457188	39.86	ng		98
30) 1,2,4-Trichlorobenzene	7.80	180	485773	38.74	ng		97
31) Naphthalene	7.88	128	1557521	39.61	ng		99
32) Benzoic acid	7.66	122	129169	14.99	ng		93
33) 4-Chloroaniline	7.94	127	181693	11.45	ng		98
34) Hexachlorobutadiene	8.01	225	294042	40.01	ng		97
35) Caprolactam	8.32	113	161415m	44.58	ng		
36) 4-Chloro-3-methylphenol	8.44	107	488967	40.25	ng		96
37) 2-Methylnaphthalene	8.57	142	1023079	39.37	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	405349	32.94	ng		99
40) Hexachlorocyclopentadiene	8.73	237	498130	78.95	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	329961	38.69	ng		99
43) 2,4,5-Trichlorophenol	8.90	196	353636	43.13	ng		95
45) 1,1'-Biphenyl	9.04	154	1123172	33.21	ng		98
46) 2-Chloronaphthalene	9.06	162	977051	40.84	ng		97
47) 2-Nitroaniline	9.16	65	326672	41.77	ng	#	77
48) Acenaphthylene	9.47	152	1578112	39.90	ng		100
49) Dimethylphthalate	9.36	163	1207121	39.76	ng		98
50) 2,6-Dinitrotoluene	9.40	165	264013	39.10	ng		93
51) Acenaphthene	9.64	154	973144	38.83	ng		100
52) 3-Nitroaniline	9.58	138	146666	19.05	ng	#	76
53) 2,4-Dinitrophenol	9.68	184	197802	52.34	ng	#	81
54) Dibenzofuran	9.82	168	1417099	42.19	ng		99
55) 4-Nitrophenol	9.76	139	404029	69.56	ng		95
56) 2,4-Dinitrotoluene	9.80	165	329882	38.53	ng	#	74
57) Fluorene	10.16	166	1060546	43.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	311562	44.38	ng		96
59) Diethylphthalate	10.04	149	1293976	45.31	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	489031	42.35	ng		99
61) 4-Nitroaniline	10.18	138	273160	36.10	ng		87
62) Azobenzene	10.31	77	1093023	38.32	ng		99
64) 4,6-Dinitro-2-methylphenol	10.22	198	166803	30.75	ng	#	60
65) n-Nitrosodiphenylamine	10.27	169	913682	35.87	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	357688	41.94	ng		96
67) Hexachlorobenzene	10.70	284	349590	35.88	ng	#	91
68) Atrazine	10.81	200	345730	40.66	ng		96
69) Pentachlorophenol	10.89	266	336136	64.13	ng		100
70) Phenanthrene	11.11	178	1706817	40.46	ng		99
71) Anthracene	11.15	178	1618644	37.83	ng		99
72) Carbazole	11.31	167	1528083	38.09	ng		99
73) Di-n-butylphthalate	11.66	149	1754985	37.53	ng		100
74) Fluoranthene	12.29	202	1799698	40.71	ng		97
76) Benzidine	12.41	184	517536	22.85	ng		96
77) Pyrene	12.50	202	1699037	40.30	ng		99
79) Butylbenzylphthalate	13.14	149	771850	45.40	ng		95
80) Benzo(a)anthracene	13.68	228	1508041	41.18	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	215048	16.27	ng	#	97
82) Chrysene	13.73	228	1520987	44.46	ng		99
83) Bis(2-ethylhexyl)phthalate	13.70	149	980464	41.69	ng	#	94
84) Di-n-octyl phthalate	14.31	149	1612358	42.48	ng		99
85) Indeno(1,2,3-cd)pyrene	16.23	276	1055481	41.73	ng		99
87) Benzo(b)fluoranthene	14.67	252	1182807m	37.90	ng		
88) Benzo(k)fluoranthene	14.70	252	1064695m	40.21	ng		
89) Benzo(a)pyrene	14.98	252	1116669	41.76	ng		99
90) Dibenzo(a,h)anthracene	16.25	278	887461	45.30	ng		96
91) Benzo(g,h,i)perylene	16.58	276	903623	45.82	ng	#	93

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

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