Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084490.D
Acq On : 15 Jan 2016 14:53
Operator : SJ/UM
Sample : PB87825BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87825BSD

Quant Time: Jan 16 02:20:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 01:26:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	275442	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	1107071	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	530676	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	917296	20.00	ng		0.01
75) Chrysene-d12	13.99	240	555707	20.00	ng		0.00
86) Perylene-d12	15.40	264	561776	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1415595	83.13	ng		0.01
7) Phenol-d6	6.46	99	1919171	89.73	ng		0.00
23) Nitrobenzene-d5	7.39	82	1622591	81.57	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	449020	83.81	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	2829306	94.50	ng		0.00
78) Terphenyl-d14	12.94	244	2561014	102.87	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	296172	36.71	ng	#	78
3) Pyridine	3.18	79	922974	41.04	ng	#	76
4) n-Nitrosodimethylamine	3.14	42	429690	37.22	ng	#	90
6) Aniline	6.49	93	506075	16.18	ng	#	42
8) 2-Chlorophenol	6.61	128	877183	45.40	ng		97
9) Benzaldehyde	6.36	77	121190	8.70	ng		91
10) Phenol	6.49	94	1010588	41.56	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	850264	45.14	ng		96
12) 1,3-Dichlorobenzene	6.76	146	847482	42.52	ng	#	96
13) 1,4-Dichlorobenzene	6.84	146	881216	44.09	ng		95
14) 1,2-Dichlorobenzene	6.99	146	780958	40.80	ng		95
15) Benzyl Alcohol	6.97	79	668609	37.16	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1337340	38.99	ng		88
17) 2-Methylphenol	7.09	107	721139	44.53	ng		95
18) Hexachloroethane	7.33	117	329422	41.22	ng		92
19) n-Nitroso-di-n-propylamine	7.24	70	562138	38.83	ng	#	74
20) 3+4-Methylphenols	7.24	107	832728	43.75	ng	#	56
22) Acetophenone	7.24	105	1148837	43.16	ng	#	93
24) Nitrobenzene	7.41	77	966084	47.89	ng		95
25) Isophorone	7.65	82	1618926	42.55	ng		98
26) 2-Nitrophenol	7.73	139	468276	51.00	ng	#	86
27) 2,4-Dimethylphenol	7.78	122	842500	45.33	ng		88
28) bis(2-Chloroethoxy)methane	7.87	93	1058531	45.55	ng		97
29) 2,4-Dichlorophenol	7.97	162	681255	44.00	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	726616	45.46	ng		96
31) Naphthalene	8.13	128	2265802	45.11	ng		98
32) Benzoic acid	7.90	122	471426	40.54	ng		97
33) 4-Chloroaniline	8.18	127	240619	10.45	ng		98
34) Hexachlorobutadiene	8.25	225	393156	42.79	ng		99
35) Caprolactam	8.56	113	236171m	45.25	ng		
36) 4-Chloro-3-methylphenol	8.68	107	785301	45.28	ng		99
37) 2-Methylnaphthalene	8.83	142	1637110	45.40	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	605403	39.68	ng		99
40) Hexachlorocyclopentadiene	8.98	237	565871	61.44	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	464018	40.65	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	483740	44.21	ng	#	92
45) 1,1'-Biphenyl	9.29	154	1819794	43.15	ng		98
46) 2-Chloronaphthalene	9.32	162	1412424	42.63	ng	#	85
47) 2-Nitroaniline	9.41	65	464841	42.51	ng		96
48) Acenaphthylene	9.73	152	2181559	44.57	ng		96
49) Dimethylphthalate	9.60	163	1544444	40.71	ng	#	90
50) 2,6-Dinitrotoluene	9.65	165	372501	44.77	ng	#	46
51) Acenaphthene	9.90	154	1650847	50.28	ng		97
52) 3-Nitroaniline	9.82	138	198423	19.24	ng		85
53) 2,4-Dinitrophenol	9.94	184	405187	112.79	ng	#	75
54) Dibenzofuran	10.08	168	1853585	43.49	ng		94
55) 4-Nitrophenol	10.01	139	696980	93.13	ng		84
56) 2,4-Dinitrotoluene	10.06	165	548169	52.05	ng		94
57) Fluorene	10.42	166	1511724	46.03	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	394579	42.24	ng	#	86
59) Diethylphthalate	10.29	149	1641205	43.88	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	645127	46.82	ng		94
61) 4-Nitroaniline	10.44	138	373090	40.59	ng		88
62) Azobenzene	10.57	77	1690183	41.20	ng		89
64) 4,6-Dinitro-2-methylphenol	10.46	198	247514	44.29	ng	#	54
65) n-Nitrosodiphenylamine	10.53	169	1361964	46.44	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	441590	44.73	ng	#	85
67) Hexachlorobenzene	10.97	284	516328	46.46	ng	#	91
68) Atrazine	11.06	200	409710	42.69	ng		98
69) Pentachlorophenol	11.16	266	468504	81.31	ng		97
70) Phenanthrene	11.38	178	2214760	46.16	ng		95
71) Anthracene	11.42	178	2121257	45.10	ng		98
72) Carbazole	11.58	167	1855102	40.34	ng		98
73) Di-n-butylphthalate	11.92	149	2332756	48.74	ng	#	95
74) Fluoranthene	12.57	202	2268054	45.25	ng		94
76) Benzidine	12.68	184	745755	37.43	ng		99
77) Pyrene	12.80	202	2254018	51.69	ng		99
79) Butylbenzylphthalate	13.41	149	957115	50.72	ng		89
80) Benzo(a)anthracene	13.97	228	1522890	46.67	ng		97
81) 3,3'-Dichlorobenzidine	13.94	252	343241	30.14	ng	#	95
82) Chrysene	14.02	228	1592549	50.79	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1163656	48.81	ng		98
84) Di-n-octyl phthalate	14.59	149	1998995	49.67	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.80	276	1621708	65.25	ng		98
87) Benzo(b)fluoranthene	15.00	252	1430349m	38.92	ng		
88) Benzo(k)fluoranthene	15.04	252	1488755m	49.54	ng		
89) Benzo(a)pyrene	15.35	252	1434786	46.03	ng	#	93
90) Dibenzo(a,h)anthracene	16.81	278	1330118	49.59	ng		99
91) Benzo(g,h,i)perylene	17.21	276	1377508	49.59	ng		97

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

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