Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
Data File : BF089802.D
Acq On : 19 Aug 2016 18:14
Operator : UM/SJ
Sample : PB93006BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93006BS

Manual Integrations APPROVED

Quant Time: Aug 22 09:34:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

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8/22/2016 3:47:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	539784	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	2017903	20.00	ng		-0.01
38) Acenaphthene-d10	9.71	164	955906	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1764608	20.00	ng		0.00
75) Chrysene-d12	13.85	240	1444843	20.00	ng		-0.02
86) Perylene-d12	15.31	264	1016951	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	3741809	118.88	ng		0.02
7) Phenol-d6	6.33	99	4498650	116.43	ng		0.01
23) Nitrobenzene-d5	7.26	82	2777478	85.51	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	1016238	111.87	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	4349813	79.98	ng		0.00
78) Terphenyl-d14	12.79	244	4131446	64.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	497368	31.93	ng		98
3) Pyridine	2.90	79	1319317	32.29	ng		94
4) n-Nitrosodimethylamine	2.86	42	562551	36.98	ng	#	79
6) Aniline	6.34	93	1010043	19.49	ng	#	32
8) 2-Chlorophenol	6.47	128	1452485	38.59	ng		86
9) Benzaldehyde	6.22	77	348142	13.83	ng		99
10) Phenol	6.34	94	1702521	37.59	ng		93
11) bis(2-Chloroethyl)ether	6.42	93	1218021	34.69	ng		95
12) 1,3-Dichlorobenzene	6.63	146	1462254m	37.16	ng		
13) 1,4-Dichlorobenzene	6.70	146	1383822	34.21	ng		98
14) 1,2-Dichlorobenzene	6.86	146	1464846	38.80	ng		97
15) Benzyl Alcohol	6.83	79	1100597	42.95	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1612838	35.89	ng		89
17) 2-Methylphenol	6.95	107	1087853	36.90	ng		97
18) Hexachloroethane	7.20	117	536254	37.17	ng		93
19) n-Nitroso-di-n-propylamine	7.11	70	868987	35.17	ng		90
20) 3+4-Methylphenols	7.11	107	1461774	40.44	ng	#	55
22) Acetophenone	7.10	105	1609898	34.74	ng	#	90
24) Nitrobenzene	7.27	77	1283930	35.23	ng		97
25) Isophorone	7.51	82	2462386	37.59	ng		99
26) 2-Nitrophenol	7.59	139	764100	42.02	ng	#	87
27) 2,4-Dimethylphenol	7.63	122	1259974	38.45	ng		97
28) bis(2-Chloroethoxy)methane	7.74	93	1712358	42.25	ng		96
29) 2,4-Dichlorophenol	7.83	162	1139611	41.45	ng		95
30) 1,2,4-Trichlorobenzene	7.92	180	1167938	38.40	ng	#	93
31) Naphthalene	7.99	128	3550473	37.65	ng		99
33) 4-Chloroaniline	8.04	127	705886	17.27	ng		98
34) Hexachlorobutadiene	8.11	225	596769	37.47	ng		99
35) Caprolactam	8.41	113	354994m	42.39	ng		
36) 4-Chloro-3-methylphenol	8.52	107	1203414	40.41	ng		90
37) 2-Methylnaphthalene	8.68	142	2683524	43.98	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	808924	26.13	ng		99
40) Hexachlorocyclopentadiene	8.84	237	1209998	112.59	ng		98
42) 2,4,6-Trichlorophenol	8.96	196	816890	41.95	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	755888	39.03	ng	#	89
45) 1,1'-Biphenyl	9.14	154	2556099	34.55	ng		100
46) 2-Chloronaphthalene	9.16	162	2211040	37.81	ng		98
47) 2-Nitroaniline	9.27	65	720633	43.21	ng	#	53
48) Acenaphthylene	9.58	152	3468809	39.48	ng		99
49) Dimethylphthalate	9.45	163	2600213	38.63	ng		99
50) 2,6-Dinitrotoluene	9.51	165	597000	38.42	ng		96
51) Acenaphthene	9.75	154	2157639	37.10	ng		100
52) 3-Nitroaniline	9.67	138	411831	23.92	ng		97
53) 2,4-Dinitrophenol	9.77	184	124976	21.27	ng		99
54) Dibenzofuran	9.92	168	3117084	42.67	ng		99
55) 4-Nitrophenol	9.84	139	1075986	76.57	ng		92
56) 2,4-Dinitrotoluene	9.91	165	813580	40.35	ng	#	74
57) Fluorene	10.26	166	2254306	38.73	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	648183	45.98	ng		95
59) Diethylphthalate	10.16	149	2801635	40.97	ng		96
60) 4-Chlorophenyl-phenylether	10.26	204	1022759	38.52	ng		96
61) 4-Nitroaniline	10.28	138	732264	45.37	ng		98
62) Azobenzene	10.42	77	2936326	45.68	ng		96
64) 4,6-Dinitro-2-methylphenol	10.31	198	174455	17.20	ng		91
65) n-Nitrosodiphenylamine	10.39	169	2260937	40.75	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	750139	40.55	ng	#	93
67) Hexachlorobenzene	10.81	284	822580	38.97	ng	#	93
68) Atrazine	10.91	200	667089	39.26	ng		97
69) Pentachlorophenol	11.00	266	717123	59.95	ng		98
70) Phenanthrene	11.22	178	3837599	43.06	ng		97
71) Anthracene	11.27	178	3423348	37.79	ng		98
72) Carbazole	11.43	167	3703840	45.58	ng		97
73) Di-n-butylphthalate	11.77	149	4061222	39.95	ng		99
74) Fluoranthene	12.40	202	3624632	42.76	ng		94
76) Benzidine	12.53	184	1468323	31.40	ng		99
77) Pyrene	12.63	202	3921952	33.33	ng		97
79) Butylbenzylphthalate	13.27	149	1818426	34.22	ng	#	84
80) Benzo(a)anthracene	13.84	228	3202156	38.70	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	455562	16.79	ng		98
82) Chrysene	13.87	228	2566358	36.18	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	2395179	32.72	ng	#	99
84) Di-n-octyl phthalate	14.53	149	3789493	38.96	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.59	276	2298469	25.40	ng		98
87) Benzo(b)fluoranthene	14.93	252	2983548m	53.33	ng		
88) Benzo(k)fluoranthene	14.96	252	1799122m	35.44	ng		
89) Benzo(a)pyrene	15.26	252	2216730	41.86	ng		97
90) Dibenzo(a,h)anthracene	16.62	278	1896920	33.00	ng		98
91) Benzo(g,h,i)perylene	16.98	276	1964164	32.45	ng		97

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

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