Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
Data File : BF089737.D
Acq On : 17 Aug 2016 2:18
Operator : UM/SJ
Sample : PB92806BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92806BS

Manual Integrations APPROVED
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8/17/2016 6:42:52 PM

Quant Time: Aug 17 04:36:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	824869	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	3290989	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	1649954	20.00	ng		0.01
63) Phenanthrene-d10	11.22	188	3050050	20.00	ng		0.01
75) Chrysene-d12	13.87	240	2215647	20.00	ng		-0.02
86) Perylene-d12	15.31	264	2014665	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	5764429	116.60	ng		0.02
7) Phenol-d6	6.34	99	6979449	110.99	ng		0.01
23) Nitrobenzene-d5	7.27	82	4393045	81.51	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	1882418	117.93	ng		0.01
44) 2-Fluorobiphenyl	9.07	172	6296218	61.23	ng		0.00
78) Terphenyl-d14	12.81	244	5865324	79.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	728833	28.56	ng		99
3) Pyridine	2.94	79	2127283	32.34	ng		94
4) n-Nitrosodimethylamine	2.90	42	974191	36.90	ng		86
6) Aniline	6.36	93	2033470	24.06	ng	#	63
8) 2-Chlorophenol	6.49	128	2350224	39.97	ng		83
9) Benzaldehyde	6.24	77	274031	6.57	ng		89
10) Phenol	6.35	94	2380939	30.42	ng		92
11) bis(2-Chloroethyl)ether	6.44	93	1840295	31.73	ng		97
12) 1,3-Dichlorobenzene	6.64	146	2069780	32.93	ng		99
13) 1,4-Dichlorobenzene	6.72	146	2226343	34.96	ng		98
14) 1,2-Dichlorobenzene	6.88	146	2098224	34.56	ng		98
15) Benzyl Alcohol	6.86	79	1765529	42.01	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2498661	32.84	ng		94
17) 2-Methylphenol	6.97	107	1969952	42.17	ng		96
18) Hexachloroethane	7.22	117	858125	36.77	ng		92
19) n-Nitroso-di-n-propylamine	7.13	70	1504326	36.53	ng		94
20) 3+4-Methylphenols	7.12	107	2387139	39.90	ng	#	84
22) Acetophenone	7.12	105	2569496	33.59	ng	#	94
24) Nitrobenzene	7.29	77	2334864	38.51	ng		95
25) Isophorone	7.54	82	4306527	39.94	ng	#	91
26) 2-Nitrophenol	7.61	139	1221026	42.80	ng		99
27) 2,4-Dimethylphenol	7.66	122	2261670	41.83	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	2630283	40.14	ng		97
29) 2,4-Dichlorophenol	7.85	162	1942897	43.16	ng		97
30) 1,2,4-Trichlorobenzene	7.93	180	1822665	37.72	ng		98
31) Naphthalene	8.01	128	5438624	36.82	ng		95
32) Benzoic acid	7.79	122	1333774	31.73	ng		99
33) 4-Chloroaniline	8.06	127	1067263	15.61	ng	#	87
34) Hexachlorobutadiene	8.14	225	931358	36.69	ng		98
35) Caprolactam	8.44	113	637756m	45.97	ng		
36) 4-Chloro-3-methylphenol	8.55	107	1958349	39.96	ng		91
37) 2-Methylnaphthalene	8.71	142	4304936	42.81	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1273094	24.00	ng		99
40) Hexachlorocyclopentadiene	8.87	237	1905314	80.60	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1324010	38.64	ng		100
43) 2,4,5-Trichlorophenol	9.03	196	1272074	38.94	ng		99
45) 1,1'-Biphenyl	9.18	154	4411691	32.28	ng		94
46) 2-Chloronaphthalene	9.19	162	3559363	34.76	ng		97
47) 2-Nitroaniline	9.29	65	1378675	44.19	ng	#	81
48) Acenaphthylene	9.61	152	5892407	37.38	ng		98
49) Dimethylphthalate	9.48	163	4589115	38.44	ng		97
50) 2,6-Dinitrotoluene	9.53	165	1029411	38.10	ng	#	80
51) Acenaphthene	9.78	154	4495965	42.27	ng		97
52) 3-Nitroaniline	9.70	138	706660	22.49	ng	#	70
53) 2,4-Dinitrophenol	9.80	184	1052222	87.03	ng		99
54) Dibenzofuran	9.95	168	5393423	41.20	ng		96
55) 4-Nitrophenol	9.86	139	2079531	86.04	ng		86
56) 2,4-Dinitrotoluene	9.94	165	1481038	42.64	ng		94
57) Fluorene	10.28	166	3993850	37.76	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	1109286	43.47	ng		98
59) Diethylphthalate	10.18	149	4274791	35.31	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	1551986	29.89	ng		90
61) 4-Nitroaniline	10.32	138	1268112	41.57	ng		98
62) Azobenzene	10.44	77	4654960	40.70	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	723343	40.84	ng		91
65) n-Nitrosodiphenylamine	10.41	169	3811486	39.82	ng		96
66) 4-Bromophenyl-phenylether	10.78	248	1207325	38.22	ng	#	82
67) Hexachlorobenzene	10.83	284	1250699	35.62	ng	#	79
68) Atrazine	10.94	200	1046146	36.08	ng		95
69) Pentachlorophenol	11.03	266	1493411	68.27	ng		97
70) Phenanthrene	11.24	178	5218391m	34.81	ng		
71) Anthracene	11.29	178	5884899	37.57	ng		97
72) Carbazole	11.45	167	5205495	35.07	ng		94
73) Di-n-butylphthalate	11.80	149	6679703	37.01	ng	#	97
74) Fluoranthene	12.42	202	5149818	34.19	ng		89
76) Benzidine	12.55	184	1631281	20.51	ng		99
77) Pyrene	12.42	202	5149747	35.52	ng		93
79) Butylbenzylphthalate	13.29	149	2801073	38.51	ng	#	85
80) Benzo(a)anthracene	13.85	228	5182640	40.26	ng		96
81) 3,3'-Dichlorobenzidine	13.83	252	1395466	29.75	ng	#	96
82) Chrysene	13.90	228	4148249	35.81	ng		94
83) Bis(2-ethylhexyl)phthalate	13.89	149	4119994	42.80	ng		95
84) Di-n-octyl phthalate	14.54	149	6248414	41.76	ng		98
85) Indeno(1,2,3-cd)pyrene	16.62	276	4247732	43.04	ng		99
87) Benzo(b)fluoranthene	14.94	252	5069630m	39.71	ng		
88) Benzo(k)fluoranthene	14.96	252	3869113m	36.82	ng		
89) Benzo(a)pyrene	15.26	252	4443735	42.16	ng		97
90) Dibenzo(a,h)anthracene	16.64	278	3446564	41.53	ng		97
91) Benzo(g,h,i)perylene	17.01	276	3500854	41.45	ng		99

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

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