Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089795.D
Acq On : 19 Aug 2016 15:09
Operator : UM/SJ
Sample : PB92811BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92811BS

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8/19/2016 4:51:42 PM

Quant Time: Aug 19 16:37:50 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	687171	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	2779029	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	1317655	20.00	ng		0.01
63) Phenanthrene-d10	11.20	188	2317320	20.00	ng		0.01
75) Chrysene-d12	13.87	240	1436551	20.00	ng		0.00
86) Perylene-d12	15.37	264	1189462	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	4139029	103.29	ng		0.02
7) Phenol-d6	6.33	99	4756401	96.70	ng		0.01
23) Nitrobenzene-d5	7.26	82	2923627	65.36	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	1340143	107.02	ng		0.01
44) 2-Fluorobiphenyl	9.05	172	4742590	63.26	ng		0.00
78) Terphenyl-d14	12.79	244	3887957	61.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	539944	27.23	ng		98
3) Pyridine	2.88	79	1564498	30.08	ng		95
4) n-Nitrosodimethylamine	2.84	42	663694	34.27	ng	#	84
6) Aniline	6.34	93	1881850	28.52	ng	#	16
8) 2-Chlorophenol	6.47	128	1572413	32.81	ng		94
9) Benzaldehyde	6.23	77	204311m	6.38	ng		
10) Phenol	6.34	94	1933619	33.54	ng		96
11) bis(2-Chloroethyl)ether	6.43	93	1651553	36.95	ng		96
12) 1,3-Dichlorobenzene	6.63	146	1739209m	34.72	ng		
13) 1,4-Dichlorobenzene	6.71	146	1755027	34.08	ng		94
14) 1,2-Dichlorobenzene	6.86	146	1587205m	33.02	ng		
15) Benzyl Alcohol	6.83	79	1141852	35.00	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1937180	33.86	ng		92
17) 2-Methylphenol	6.95	107	1350721	35.99	ng		98
18) Hexachloroethane	7.20	117	611412	33.29	ng	#	88
19) n-Nitroso-di-n-propylamine	7.12	70	1176157	37.39	ng	#	88
20) 3+4-Methylphenols	7.11	107	1479799	32.16	ng	#	76
22) Acetophenone	7.11	105	2009358	31.49	ng	#	90
24) Nitrobenzene	7.28	77	1698364	33.84	ng	#	79
25) Isophorone	7.52	82	3106175	34.43	ng	#	94
26) 2-Nitrophenol	7.59	139	799041	31.91	ng	#	81
27) 2,4-Dimethylphenol	7.63	122	1508993	33.44	ng		96
28) bis(2-Chloroethoxy)methane	7.74	93	2002811	35.88	ng		96
29) 2,4-Dichlorophenol	7.83	162	1283882	33.90	ng		92
30) 1,2,4-Trichlorobenzene	7.92	180	1449763	34.61	ng		96
31) Naphthalene	8.00	128	4463106	34.36	ng		99
32) Benzoic acid	7.77	122	1033110	29.38	ng	#	78
33) 4-Chloroaniline	8.04	127	1520646	27.01	ng	#	92
34) Hexachlorobutadiene	8.12	225	735664	33.54	ng		98
35) Caprolactam	8.42	113	432553m	37.51	ng		
36) 4-Chloro-3-methylphenol	8.54	107	1503791	36.67	ng		98
37) 2-Methylnaphthalene	8.68	142	2937918m	34.96	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1138971	26.69	ng		97
40) Hexachlorocyclopentadiene	8.84	237	1131699	76.39	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	927690	34.56	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	926199	34.69	ng		98
45) 1,1'-Biphenyl	9.15	154	3336183	32.72	ng		94
46) 2-Chloronaphthalene	9.18	162	2800719	34.75	ng	#	89
47) 2-Nitroaniline	9.27	65	934447	40.65	ng		88
48) Acenaphthylene	9.59	152	4399420	36.32	ng		99
49) Dimethylphthalate	9.46	163	3244721	34.97	ng		99
50) 2,6-Dinitrotoluene	9.52	165	781056	36.46	ng	#	69
51) Acenaphthene	9.76	154	3223832	40.22	ng		99
52) 3-Nitroaniline	9.68	138	738131	31.10	ng		82
53) 2,4-Dinitrophenol	9.78	184	743913	64.51	ng		97
54) Dibenzofuran	9.93	168	3985799	39.59	ng		94
55) 4-Nitrophenol	9.84	139	1378468	71.16	ng		89
56) 2,4-Dinitrotoluene	9.91	165	961300	34.59	ng	#	56
57) Fluorene	10.27	166	2901226	36.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	782395	40.27	ng		98
59) Diethylphthalate	10.16	149	3129384	33.20	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	1164510	31.82	ng		92
61) 4-Nitroaniline	10.30	138	879861	39.55	ng		89
62) Azobenzene	10.42	77	3289511	37.12	ng		95
64) 4,6-Dinitro-2-methylphenol	10.32	198	532065	39.96	ng	#	77
65) n-Nitrosodiphenylamine	10.39	169	2648124	36.34	ng		98
66) 4-Bromophenyl-phenylether	10.75	248	849383	34.96	ng	#	82
67) Hexachlorobenzene	10.81	284	887016	32.00	ng	#	81
68) Atrazine	10.91	200	608834	27.28	ng		97
69) Pentachlorophenol	11.00	266	1003225	63.86	ng		98
70) Phenanthrene	11.22	178	3876873	33.12	ng		95
71) Anthracene	11.28	178	4377011	36.79	ng		100
72) Carbazole	11.43	167	3556035	33.32	ng		97
73) Di-n-butylphthalate	11.78	149	4934753	36.96	ng		98
74) Fluoranthene	12.40	202	3588049	32.23	ng		92
76) Benzidine	12.52	184	1276182	27.45	ng		99
77) Pyrene	12.63	202	3645818	31.17	ng		96
79) Butylbenzylphthalate	13.28	149	1910383	36.16	ng	#	82
80) Benzo(a)anthracene	13.86	228	2935700	35.68	ng		98
81) 3,3'-Dichlorobenzidine	13.83	252	831361	30.82	ng		97
82) Chrysene	13.91	228	2398331	34.00	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	2587080	35.55	ng		96
84) Di-n-octyl phthalate	14.57	149	3699057	38.25	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.67	276	2938053	32.65	ng		99
87) Benzo(b)fluoranthene	14.98	252	2319636	35.45	ng		98
88) Benzo(k)fluoranthene	15.02	252	2465381m	41.53	ng		
89) Benzo(a)pyrene	15.31	252	2334016	37.68	ng		98
90) Dibenzo(a,h)anthracene	16.70	278	2432651	36.19	ng		99
91) Benzo(g,h,i)perylene	17.06	276	2533706	35.79	ng		96

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

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