Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
Data File : BF092063.D
Acq On : 3 Jan 2017 16:24
Operator : UM/SJ
Sample : PB95719BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95719BS

Manual Integrations APPROVED
Sohil
1/4/2017 2:05:42 PM

Quant Time: Jan 04 12:32:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	213318	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	985230	20.00	ng		-0.04
38) Acenaphthene-d10	9.72	164	538251	20.00	ng		-0.04
63) Phenanthrene-d10	11.19	188	837110	20.00	ng		-0.04
75) Chrysene-d12	13.83	240	343590	20.00	ng		-0.04
86) Perylene-d12	15.20	264	266410	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1611431	126.13	ng		-0.04
7) Phenol-d6	6.34	99	2272215	145.68	ng		-0.04
23) Nitrobenzene-d5	7.25	82	1456644	82.21	ng		-0.04
41) 2,4,6-Tribromophenol	10.50	330	537297	120.62	ng		-0.04
44) 2-Fluorobiphenyl	9.04	172	2294050	87.74	ng		-0.04
78) Terphenyl-d14	12.78	244	1293074	91.27	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	232714	37.00	ng		98
3) Pyridine	2.85	79	608864	27.74	ng		96
4) n-Nitrosodimethylamine	2.81	42	328460	39.67	ng		99
6) Aniline	6.33	93	546812	26.99	ng	#	65
8) 2-Chlorophenol	6.46	128	576129	39.64	ng		94
9) Benzaldehyde	6.22	77	54481	4.48	ng		95
10) Phenol	6.36	94	898407	50.55	ng	#	66
11) bis(2-Chloroethyl)ether	6.41	93	707123	50.00	ng		96
12) 1,3-Dichlorobenzene	6.61	146	574831m	37.05	ng		
13) 1,4-Dichlorobenzene	6.69	146	663410	42.01	ng		98
14) 1,2-Dichlorobenzene	6.85	146	598202	43.66	ng		94
15) Benzyl Alcohol	6.82	79	522173	43.09	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	908135	43.12	ng		64
17) 2-Methylphenol	6.95	107	552610	47.28	ng		95
18) Hexachloroethane	7.18	117	262447	44.83	ng	#	88
19) n-Nitroso-di-n-propylamine	7.10	70	475814	45.85	ng		99
20) 3+4-Methylphenols	7.11	107	740521	53.12	ng	#	73
22) Acetophenone	7.09	105	984787	40.52	ng		94
24) Nitrobenzene	7.26	77	674069	35.72	ng		99
25) Isophorone	7.51	82	1489395	45.56	ng		100
26) 2-Nitrophenol	7.58	139	391057	42.02	ng		99
27) 2,4-Dimethylphenol	7.64	122	696805	45.14	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	922641	46.54	ng		99
29) 2,4-Dichlorophenol	7.83	162	611379	46.78	ng		92
30) 1,2,4-Trichlorobenzene	7.90	180	599483	41.86	ng		94
31) Naphthalene	7.98	128	1897361	42.08	ng		100
32) Benzoic acid	7.78	122	517516	45.20	ng		97
33) 4-Chloroaniline	8.04	127	305670	15.03	ng		97
34) Hexachlorobutadiene	8.10	225	337723	44.67	ng		98
35) Caprolactam	8.42	113	222946m	51.91	ng		
36) 4-Chloro-3-methylphenol	8.55	107	717195	47.69	ng		91
37) 2-Methylnaphthalene	8.68	142	1397201	56.09	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	548671	40.35	ng		98
40) Hexachlorocyclopentadiene	8.82	237	552610	90.68	ng		95

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Quant Time: Jan 04 12:32:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	394756	41.51	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	406370	41.52	ng	#	82
45) 1,1'-Biphenyl	9.14	154	1706173	46.29	ng		100
46) 2-Chloronaphthalene	9.17	162	1276447	43.73	ng		98
47) 2-Nitroaniline	9.27	65	460127	44.28	ng	#	84
48) Acenaphthylene	9.58	152	1958063	43.62	ng		99
49) Dimethylphthalate	9.45	163	1406276	40.85	ng		98
50) 2,6-Dinitrotoluene	9.51	165	298265	39.58	ng	#	67
51) Acenaphthene	9.75	154	1252642	41.16	ng		99
52) 3-Nitroaniline	9.68	138	203618	21.84	ng		89
53) 2,4-Dinitrophenol	9.80	184	355231	84.73	ng	#	77
54) Dibenzofuran	9.92	168	1561094	37.99	ng		100
55) 4-Nitrophenol	9.88	139	496087	78.35	ng		98
56) 2,4-Dinitrotoluene	9.92	165	430693	45.54	ng		92
57) Fluorene	10.26	166	1344881	44.98	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	353036	45.61	ng		100
59) Diethylphthalate	10.15	149	1369061	40.95	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	545158	41.64	ng		98
61) 4-Nitroaniline	10.30	138	335035	34.67	ng		97
62) Azobenzene	10.41	77	1624135	44.12	ng		99
64) 4,6-Dinitro-2-methylphenol	10.33	198	251301	49.65	ng		97
65) n-Nitrosodiphenylamine	10.38	169	1127555	45.39	ng		100
66) 4-Bromophenyl-phenylether	10.74	248	378891	43.51	ng		97
67) Hexachlorobenzene	10.81	284	425009	45.66	ng	#	92
68) Atrazine	10.92	200	343158	42.83	ng		98
69) Pentachlorophenol	11.01	266	395950	86.70	ng		99
70) Phenanthrene	11.22	178	2030090	44.72	ng		99
71) Anthracene	11.27	178	1866049	47.13	ng		100
72) Carbazole	11.43	167	1653021	43.63	ng		99
73) Di-n-butylphthalate	11.77	149	2275144	53.69	ng	#	97
74) Fluoranthene	12.40	202	1549954	38.36	ng		98
76) Benzidine	12.53	184	445579	53.06	ng		97
77) Pyrene	12.63	202	1391584	55.20	ng		99
79) Butylbenzylphthalate	13.26	149	458591	40.00	ng		99
80) Benzo(a)anthracene	13.82	228	922821	47.58	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	191693	26.06	ng		98
82) Chrysene	13.85	228	685498	35.24	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	647298	47.94	ng	#	95
84) Di-n-octyl phthalate	14.44	149	1114845	44.57	ng		98
85) Indeno(1,2,3-cd)pyrene	16.51	276	659838	39.15	ng	#	94
87) Benzo(b)fluoranthene	14.83	252	745661m	44.96	ng		
88) Benzo(k)fluoranthene	14.86	252	770075m	54.45	ng		
89) Benzo(a)pyrene	15.16	252	710933	48.29	ng	#	94
90) Dibenzo(a,h)anthracene	16.52	278	538110	44.47	ng		97
91) Benzo(g,h,i)perylene	16.89	276	538013	42.76	ng		97

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

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