Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093655.D
Acq On : 14 Mar 2017 13:36
Operator : SJ/MA
Sample : PB97558BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97558BS

Manual Integrations APPROVED
mohammad
3/15/2017 5:39:08 PM

Quant Time: Mar 15 04:58:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	174013	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	785768	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	360475	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	648896	20.00	ng		0.00
75) Chrysene-d12	13.90	240	501680	20.00	ng		0.01
86) Perylene-d12	15.31	264	353232	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1062375	101.61	ng		-0.01
7) Phenol-d6	6.37	99	1232514	93.48	ng		-0.01
23) Nitrobenzene-d5	7.29	82	1176612	83.08	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	219276	93.37	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	1830771	94.47	ng		0.00
78) Terphenyl-d14	12.84	244	1359445	70.45	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	226327	39.30	ng	#	82
3) Pyridine	2.94	79	532678	36.28	ng	#	77
4) n-Nitrosodimethylamine	2.93	42	316902	45.19	ng		85
6) Aniline	6.40	93	217509	12.02	ng	#	82
8) 2-Chlorophenol	6.49	128	530405	45.28	ng		86
9) Benzaldehyde	6.26	77	313834	38.21	ng		98
10) Phenol	6.38	94	752912	46.60	ng		81
11) bis(2-Chloroethyl)ether	6.45	93	540142	41.36	ng		91
12) 1,3-Dichlorobenzene	6.64	146	564617m	42.11	ng		
13) 1,4-Dichlorobenzene	6.72	146	580937	42.32	ng		98
14) 1,2-Dichlorobenzene	6.88	146	513815	42.26	ng		96
15) Benzyl Alcohol	6.88	79	375739	39.98	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	900674	41.52	ng	#	47
17) 2-Methylphenol	7.00	107	430682	43.47	ng	#	87
18) Hexachloroethane	7.21	117	204447	44.16	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	416126	45.91	ng	#	96
20) 3+4-Methylphenols	7.16	107	656897	51.12	ng	#	71
22) Acetophenone	7.13	105	733825	38.81	ng	#	97
24) Nitrobenzene	7.30	77	606283	38.09	ng		98
25) Isophorone	7.54	82	1103322	38.63	ng	#	93
26) 2-Nitrophenol	7.62	139	292571	40.29	ng		90
27) 2,4-Dimethylphenol	7.68	122	476725	40.35	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	739591	41.02	ng		100
29) 2,4-Dichlorophenol	7.89	162	465372	41.87	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	449221	38.01	ng		95
31) Naphthalene	8.02	128	1514129	38.45	ng		99
32) Benzoic acid	7.85	122	247876	40.38	ng		95
33) 4-Chloroaniline	8.15	127	64310	4.02	ng		100
34) Hexachlorobutadiene	8.14	225	241612	39.69	ng		98
35) Caprolactam	8.48	113	151180m	39.83	ng		
36) 4-Chloro-3-methylphenol	8.61	107	486507	41.01	ng		95
37) 2-Methylnaphthalene	8.72	142	988284	39.45	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	426151	43.29	ng		98
40) Hexachlorocyclopentadiene	8.86	237	222719	88.21	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	288782	46.96	ng		94
43) 2,4,5-Trichlorophenol	9.08	196	237243	35.95	ng	#	89
45) 1,1'-Biphenyl	9.18	154	1150715	43.82	ng		96
46) 2-Chloronaphthalene	9.21	162	952485	47.39	ng		98
47) 2-Nitroaniline	9.33	65	348028	48.98	ng		98
48) Acenaphthylene	9.62	152	1465591	44.21	ng		98
49) Dimethylphthalate	9.50	163	1105204	46.25	ng		100
50) 2,6-Dinitrotoluene	9.57	165	236936	45.18	ng	#	63
51) Acenaphthene	9.80	154	876000	44.69	ng		96
52) 3-Nitroaniline	9.75	138	88918	14.11	ng	#	95
53) 2,4-Dinitrophenol	9.88	184	118845	49.77	ng	#	68
54) Dibenzofuran	9.97	168	1188103	48.42	ng		97
55) 4-Nitrophenol	9.96	139	209708m	68.53	ng		
56) 2,4-Dinitrotoluene	9.98	165	316686	49.16	ng	#	73
57) Fluorene	10.31	166	899213	43.25	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	232925	50.02	ng		98
59) Diethylphthalate	10.20	149	1108508	48.53	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	412907	44.31	ng		96
61) 4-Nitroaniline	10.37	138	237117	36.80	ng		98
62) Azobenzene	10.46	77	1185089m	45.66	ng		
64) 4,6-Dinitro-2-methylphenol	10.40	198	136885	32.56	ng	#	79
65) n-Nitrosodiphenylamine	10.42	169	823765	38.02	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	255726	37.27	ng		97
67) Hexachlorobenzene	10.86	284	243795	37.21	ng	#	69
68) Atrazine	10.96	200	238791	37.65	ng		99
69) Pentachlorophenol	11.08	266	123912	54.77	ng		97
70) Phenanthrene	11.27	178	1407925	38.01	ng		99
71) Anthracene	11.33	178	1405644	37.52	ng		99
72) Carbazole	11.50	167	1349160	38.33	ng		98
73) Di-n-butylphthalate	11.82	149	1708318	41.95	ng	#	96
74) Fluoranthene	12.47	202	1433925	40.08	ng		94
76) Benzidine	12.61	184	367235	22.26	ng		97
77) Pyrene	12.70	202	1444783	39.60	ng		99
79) Butylbenzylphthalate	13.31	149	700032	45.58	ng		92
80) Benzo(a)anthracene	13.89	228	1098480	37.08	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	231593	22.32	ng	#	96
82) Chrysene	13.92	228	986199	35.98	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	915432	42.76	ng		100
84) Di-n-octyl phthalate	14.48	149	1564833	43.86	ng		97
85) Indeno(1,2,3-cd)pyrene	16.65	276	759858	33.12	ng	#	93
87) Benzo(b)fluoranthene	14.91	252	824277m	38.32	ng		
88) Benzo(k)fluoranthene	14.93	252	924987m	44.59	ng		
89) Benzo(a)pyrene	15.25	252	826327	42.03	ng		98
90) Dibenzo(a,h)anthracene	16.65	278	638521	39.26	ng		97
91) Benzo(g,h,i)perylene	17.05	276	668622	40.05	ng	#	92

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

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