Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093627.D
Acq On : 14 Mar 2017 00:40
Operator : SJ/MA
Sample : PB97546BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97546BS

Manual Integrations APPROVED
mohammad
3/15/2017 5:38:22 PM

Quant Time: Mar 14 02:26:53 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	174525	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	735890	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	338097	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	617564	20.00	ng		0.00
75) Chrysene-d12	13.90	240	485715	20.00	ng		0.01
86) Perylene-d12	15.31	264	333515	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1527354	145.65	ng		0.00
7) Phenol-d6	6.38	99	1926949	145.72	ng		0.00
23) Nitrobenzene-d5	7.28	82	1244390	93.82	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	311401	141.37	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	1863685	102.53	ng		0.00
78) Terphenyl-d14	12.84	244	1426994	76.38	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	243743	42.20	ng	#	83
3) Pyridine	2.95	79	463723	31.49	ng		86
4) n-Nitrosodimethylamine	2.92	42	345768	49.16	ng	#	76
6) Aniline	6.45	93	737783	40.65	ng	#	26
8) 2-Chlorophenol	6.49	128	540249	45.98	ng		83
9) Benzaldehyde	6.26	77	230880	24.56	ng		95
10) Phenol	6.39	94	760330	46.92	ng	#	69
11) bis(2-Chloroethyl)ether	6.45	93	737783	56.33	ng		93
12) 1,3-Dichlorobenzene	6.64	146	575444m	42.79	ng		
13) 1,4-Dichlorobenzene	6.72	146	611035	44.38	ng		98
14) 1,2-Dichlorobenzene	6.88	146	525864	43.13	ng		96
15) Benzyl Alcohol	6.88	79	444917	47.20	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	950142	43.67	ng	#	50
17) 2-Methylphenol	7.00	107	475328	47.83	ng	#	85
18) Hexachloroethane	7.21	117	213442	45.97	ng		100
19) n-Nitroso-di-n-propylamine	7.13	70	434703	47.82	ng		90
20) 3+4-Methylphenols	7.17	107	685315	53.17	ng	#	74
22) Acetophenone	7.13	105	785743	44.37	ng	#	97
24) Nitrobenzene	7.30	77	666867	44.74	ng		99
25) Isophorone	7.54	82	1132886	42.36	ng	#	93
26) 2-Nitrophenol	7.62	139	302184	44.43	ng		94
27) 2,4-Dimethylphenol	7.68	122	501484	45.33	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	755432	44.74	ng		99
29) 2,4-Dichlorophenol	7.89	162	498507	47.90	ng		88
30) 1,2,4-Trichlorobenzene	7.94	180	475397	42.95	ng		96
31) Naphthalene	8.02	128	1527679	41.43	ng		98
32) Benzoic acid	7.85	122	293915	51.12	ng		93
33) 4-Chloroaniline	8.21	127	64481	4.31	ng		97
34) Hexachlorobutadiene	8.13	225	244125	42.82	ng		97
35) Caprolactam	8.48	113	163065m	45.87	ng		
36) 4-Chloro-3-methylphenol	8.61	107	502830	45.26	ng		97
37) 2-Methylnaphthalene	8.72	142	1007795	42.95	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	437280	47.36	ng	#	98
40) Hexachlorocyclopentadiene	8.87	237	247628	102.33	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	298521	51.75	ng		93
43) 2,4,5-Trichlorophenol	9.08	196	262952	42.49	ng	#	91
45) 1,1'-Biphenyl	9.18	154	1188281	48.25	ng		96
46) 2-Chloronaphthalene	9.21	162	989071	52.46	ng		98
47) 2-Nitroaniline	9.33	65	363886	54.60	ng		99
48) Acenaphthylene	9.62	152	1512481	48.64	ng		99
49) Dimethylphthalate	9.50	163	1175591	52.45	ng		100
50) 2,6-Dinitrotoluene	9.57	165	231377	47.04	ng	#	56
51) Acenaphthene	9.80	154	905412	49.24	ng		96
52) 3-Nitroaniline	9.75	138	106274	17.99	ng	#	95
53) 2,4-Dinitrophenol	9.88	184	218571	97.58	ng	#	69
54) Dibenzofuran	9.97	168	1220115	53.02	ng		97
55) 4-Nitrophenol	9.96	139	210306m	73.28	ng		
56) 2,4-Dinitrotoluene	9.98	165	324612	53.72	ng	#	69
57) Fluorene	10.31	166	927008	47.54	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	248731	56.94	ng		92
59) Diethylphthalate	10.20	149	1123934	52.47	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	435683	49.84	ng		97
61) 4-Nitroaniline	10.37	138	228341	37.79	ng		97
62) Azobenzene	10.46	77	1387597	57.00	ng		91
64) 4,6-Dinitro-2-methylphenol	10.40	198	158126	39.52	ng	#	79
65) n-Nitrosodiphenylamine	10.44	169	857412	41.58	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	256056	39.21	ng		94
67) Hexachlorobenzene	10.86	284	258942	41.52	ng	#	74
68) Atrazine	10.96	200	220208	36.48	ng		98
69) Pentachlorophenol	11.08	266	146272	67.94	ng		97
70) Phenanthrene	11.27	178	1481048	42.01	ng		99
71) Anthracene	11.33	178	1443878	40.49	ng		99
72) Carbazole	11.50	167	1384887	41.34	ng		98
73) Di-n-butylphthalate	11.82	149	1796962	46.37	ng	#	97
74) Fluoranthene	12.47	202	1515507	44.51	ng		94
76) Benzidine	12.63	184	47672	2.98	ng		95
77) Pyrene	12.70	202	1512554	42.82	ng		99
79) Butylbenzylphthalate	13.32	149	756813	50.89	ng	#	80
80) Benzo(a)anthracene	13.89	228	1132045	39.47	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	230220	22.92	ng	#	97
82) Chrysene	13.92	228	1040777	39.22	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	999543	48.22	ng	#	98
84) Di-n-octyl phthalate	14.48	149	1660212	48.06	ng		95
85) Indeno(1,2,3-cd)pyrene	16.67	276	814410	36.66	ng	#	93
87) Benzo(b)fluoranthene	14.92	252	1139887m	56.12	ng		
88) Benzo(k)fluoranthene	14.94	252	753351m	38.46	ng		
89) Benzo(a)pyrene	15.25	252	859060	46.28	ng		97
90) Dibenzo(a,h)anthracene	16.67	278	692636	45.10	ng		97
91) Benzo(g,h,i)perylene	17.07	276	704886	44.72	ng	#	90

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

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