Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093100.D
Acq On : 23 Feb 2017 10:39
Operator : SJ/MA
Sample : PB97103BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97103BS

Manual Integrations APPROVED
mohammad
2/24/2017 1:35:26 PM

Quant Time: Feb 23 12:33:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156010	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	646656	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	305855	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	527246	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	376085	20.00	ng		-0.02
86) Perylene-d12	15.43	264	281569	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1244943	136.90	ng		0.00
7) Phenol-d6	6.49	99	1497422	127.98	ng		0.00
23) Nitrobenzene-d5	7.41	82	897628	77.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	271611	122.78	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1594866	94.47	ng		-0.01
78) Terphenyl-d14	12.95	244	1311966	81.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	170004	34.60	ng	#	83
3) Pyridine	3.20	79	451452	36.13	ng		89
4) n-Nitrosodimethylamine	3.16	42	227233	38.73	ng		91
6) Aniline	6.50	93	315010	19.74	ng	#	38
8) 2-Chlorophenol	6.62	128	404666	40.34	ng		93
9) Benzaldehyde	6.38	77	203860	24.32	ng		95
10) Phenol	6.50	94	611974	44.70	ng		81
11) bis(2-Chloroethyl)ether	6.58	93	422479	38.67	ng		94
12) 1,3-Dichlorobenzene	6.78	146	458990	39.06	ng		97
13) 1,4-Dichlorobenzene	6.85	146	463848	39.00	ng		99
14) 1,2-Dichlorobenzene	7.01	146	449281	39.51	ng		97
15) Benzyl Alcohol	6.99	79	332114	38.34	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	752299	39.63	ng		94
17) 2-Methylphenol	7.10	107	342627	39.81	ng		98
18) Hexachloroethane	7.36	117	165591	40.79	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	302065	40.56	ng		99
20) 3+4-Methylphenols	7.26	107	430626	41.85	ng		94
22) Acetophenone	7.25	105	567602	38.44	ng	#	97
24) Nitrobenzene	7.44	77	497395	41.71	ng	#	89
25) Isophorone	7.68	82	862425	39.86	ng		99
26) 2-Nitrophenol	7.76	139	236583	41.74	ng	#	78
27) 2,4-Dimethylphenol	7.79	122	376181	37.79	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	518042	36.15	ng		98
29) 2,4-Dichlorophenol	8.00	162	389216	41.92	ng		94
30) 1,2,4-Trichlorobenzene	8.08	180	389815	38.96	ng		98
31) Naphthalene	8.16	128	1228517	37.48	ng		99
32) Benzoic acid	7.94	122	207099	38.40	ng		89
33) 4-Chloroaniline	8.20	127	129561	10.08	ng		95
34) Hexachlorobutadiene	8.27	225	205982	37.42	ng		99
35) Caprolactam	8.58	113	126944m	43.47	ng		
36) 4-Chloro-3-methylphenol	8.69	107	368181	38.04	ng		97
37) 2-Methylnaphthalene	8.84	142	800934	38.05	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	368808	42.96	ng		98
40) Hexachlorocyclopentadiene	8.99	237	262908	67.87	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	259356	45.97	ng		94
43) 2,4,5-Trichlorophenol	9.17	196	242803	39.28	ng	#	81
45) 1,1'-Biphenyl	9.31	154	963618	43.51	ng		99
46) 2-Chloronaphthalene	9.33	162	781802	45.12	ng		97
47) 2-Nitroaniline	9.42	65	244861	42.04	ng		88
48) Acenaphthylene	9.74	152	1205668	40.28	ng		99
49) Dimethylphthalate	9.61	163	837824	40.67	ng		98
50) 2,6-Dinitrotoluene	9.68	165	215925	48.53	ng		88
51) Acenaphthene	9.92	154	713813	39.89	ng		97
52) 3-Nitroaniline	9.84	138	99398	19.52	ng		91
53) 2,4-Dinitrophenol	9.95	184	166961	74.14	ng	#	53
54) Dibenzofuran	10.09	168	1022521	42.72	ng		95
55) 4-Nitrophenol	10.02	139	313544	85.50	ng		84
56) 2,4-Dinitrotoluene	10.08	165	226355	38.21	ng		94
57) Fluorene	10.43	166	823970	44.75	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	190743	46.26	ng		96
59) Diethylphthalate	10.30	149	807749	41.60	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	355614	40.20	ng		89
61) 4-Nitroaniline	10.45	138	182770	35.05	ng		92
62) Azobenzene	10.58	77	965719	48.15	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	140842	44.11	ng		82
65) n-Nitrosodiphenylamine	10.54	169	730304	43.36	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	224523	40.76	ng	#	84
67) Hexachlorobenzene	10.98	284	213324	39.19	ng	#	87
68) Atrazine	11.07	200	243457	45.04	ng		98
69) Pentachlorophenol	11.17	266	221963	79.08	ng		95
70) Phenanthrene	11.39	178	1208981	40.02	ng		98
71) Anthracene	11.44	178	1115232	36.76	ng		99
72) Carbazole	11.60	167	1102803	38.03	ng		98
73) Di-n-butylphthalate	11.93	149	1323734	42.21	ng	#	96
74) Fluoranthene	12.57	202	1050500	33.72	ng		98
76) Benzidine	12.69	184	348303	21.73	ng		97
77) Pyrene	12.80	202	1044980	37.13	ng		99
79) Butylbenzylphthalate	13.41	149	514161	44.99	ng		95
80) Benzo(a)anthracene	13.99	228	788013	34.26	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	191347	23.34	ng	#	95
82) Chrysene	14.02	228	695888	32.31	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	699744	44.77	ng	#	98
84) Di-n-octyl phthalate	14.58	149	1089741	42.81	ng		100
85) Indeno(1,2,3-cd)pyrene	16.82	276	730683	43.80	ng	#	93
87) Benzo(b)fluoranthene	15.01	252	655257m	35.36	ng		
88) Benzo(k)fluoranthene	15.04	252	617456m	38.59	ng		
89) Benzo(a)pyrene	15.36	252	631147	39.37	ng	#	95
90) Dibenzo(a,h)anthracene	16.83	278	607067	46.85	ng		97
91) Benzo(g,h,i)perylene	17.24	276	638086	48.75	ng	#	92

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

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