Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093106.D
Acq On : 23 Feb 2017 16:06
Operator : SJ/MA
Sample : PB97127BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97127BS

Manual Integrations APPROVED
mohammad
2/24/2017 2:11:02 PM

Quant Time: Feb 24 00:02:06 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	154982	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	621840	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	287590	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	502105	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	396520	20.00	ng		-0.02
86) Perylene-d12	15.43	264	297363	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1085435	120.16	ng		-0.01
7) Phenol-d6	6.49	99	1442393	124.10	ng		0.00
23) Nitrobenzene-d5	7.41	82	832963	74.59	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	270471	130.03	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1542033	97.14	ng		-0.01
78) Terphenyl-d14	12.94	244	1241547	73.57	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	136314	27.93	ng	#	85
3) Pyridine	3.14	79	424715	34.22	ng		88
4) n-Nitrosodimethylamine	3.09	42	219834	37.72	ng		86
6) Aniline	6.51	93	521171	32.87	ng	#	44
8) 2-Chlorophenol	6.62	128	410972	41.24	ng		94
9) Benzaldehyde	6.38	77	186173	22.36	ng		93
10) Phenol	6.50	94	610220	44.87	ng		88
11) bis(2-Chloroethyl)ether	6.58	93	397309	36.60	ng		92
12) 1,3-Dichlorobenzene	6.78	146	452509	38.77	ng		99
13) 1,4-Dichlorobenzene	6.85	146	439821	37.23	ng		99
14) 1,2-Dichlorobenzene	7.01	146	432136	38.25	ng		97
15) Benzyl Alcohol	6.99	79	326613	37.96	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	725872	38.49	ng		93
17) 2-Methylphenol	7.10	107	345582	40.42	ng		98
18) Hexachloroethane	7.36	117	156118	38.71	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	287073	38.80	ng		98
20) 3+4-Methylphenols	7.26	107	411582	40.26	ng		93
22) Acetophenone	7.26	105	559150	39.38	ng	#	93
24) Nitrobenzene	7.44	77	495978	43.26	ng		91
25) Isophorone	7.68	82	861008	41.38	ng		98
26) 2-Nitrophenol	7.76	139	227519	41.74	ng	#	76
27) 2,4-Dimethylphenol	7.79	122	383675	40.08	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	509926	37.00	ng		99
29) 2,4-Dichlorophenol	8.00	162	380908	42.67	ng		95
30) 1,2,4-Trichlorobenzene	8.08	180	374099	38.88	ng		97
31) Naphthalene	8.16	128	1214986	38.54	ng		99
32) Benzoic acid	7.93	122	235405	44.09	ng		98
33) 4-Chloroaniline	8.20	127	302644	24.48	ng		94
34) Hexachlorobutadiene	8.27	225	195491	36.93	ng		98
35) Caprolactam	8.58	113	119137	42.43	ng	#	38
36) 4-Chloro-3-methylphenol	8.69	107	376869	40.49	ng		99
37) 2-Methylnaphthalene	8.84	142	791724	39.12	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	375048	46.46	ng		99
40) Hexachlorocyclopentadiene	8.99	237	293937	80.70	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	263944	49.76	ng		93
43) 2,4,5-Trichlorophenol	9.17	196	262030	45.08	ng	#	81
45) 1,1'-Biphenyl	9.31	154	1002188	48.12	ng		100
46) 2-Chloronaphthalene	9.33	162	813085	49.91	ng		98
47) 2-Nitroaniline	9.44	65	262743	47.97	ng	#	71
48) Acenaphthylene	9.74	152	1219251	43.32	ng		99
49) Dimethylphthalate	9.61	163	851734	43.97	ng		99
50) 2,6-Dinitrotoluene	9.68	165	220471	52.70	ng		95
51) Acenaphthene	9.92	154	728048	43.27	ng		96
52) 3-Nitroaniline	9.84	138	143355	29.94	ng		89
53) 2,4-Dinitrophenol	9.96	184	200855	93.53	ng		93
54) Dibenzofuran	10.09	168	1056437	46.94	ng		95
55) 4-Nitrophenol	10.02	139	314562	91.23	ng		89
56) 2,4-Dinitrotoluene	10.08	165	232783	41.80	ng		92
57) Fluorene	10.43	166	830390	47.96	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	198676	51.24	ng		95
59) Diethylphthalate	10.30	149	817416	44.78	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	352981	42.44	ng		91
61) 4-Nitroaniline	10.45	138	226186	46.13	ng		92
62) Azobenzene	10.58	77	960779	50.94	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	149603	48.90	ng	#	70
65) n-Nitrosodiphenylamine	10.54	169	749343	46.72	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	233876	44.58	ng	#	89
67) Hexachlorobenzene	10.98	284	234258	45.19	ng		94
68) Atrazine	11.07	200	225211	43.75	ng		99
69) Pentachlorophenol	11.17	266	227854	84.68	ng		97
70) Phenanthrene	11.39	178	1247390	43.36	ng		98
71) Anthracene	11.44	178	1146968	39.70	ng		99
72) Carbazole	11.60	167	1079902	39.11	ng		99
73) Di-n-butylphthalate	11.93	149	1444076	48.35	ng	#	96
74) Fluoranthene	12.57	202	1219035	41.08	ng		97
76) Benzidine	12.69	184	452964	26.81	ng		97
77) Pyrene	12.80	202	1219482	41.10	ng		100
79) Butylbenzylphthalate	13.41	149	561131	46.57	ng		97
80) Benzo(a)anthracene	13.99	228	937188	38.64	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	262729	30.39	ng	#	97
82) Chrysene	14.03	228	948313	41.76	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	737348	44.74	ng		99
84) Di-n-octyl phthalate	14.59	149	1267954	47.25	ng		99
85) Indeno(1,2,3-cd)pyrene	16.82	276	702180	39.92	ng	#	93
87) Benzo(b)fluoranthene	15.01	252	773505m	39.52	ng		
88) Benzo(k)fluoranthene	15.05	252	814797m	48.22	ng		
89) Benzo(a)pyrene	15.37	252	750859	44.35	ng		97
90) Dibenzo(a,h)anthracene	16.83	278	578863	42.30	ng		97
91) Benzo(g,h,i)perylene	17.24	276	605764	43.82	ng	#	92

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

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