Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093008.D
Acq On : 17 Feb 2017 14:13
Operator : SJ/MA
Sample : PB97012BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97012BSD

Manual Integrations APPROVED
mohammad
2/20/2017 12:59:38 PM

Quant Time: Feb 17 22:35:35 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	6.85	152	167061	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	708510	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	373670	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	613865	20.00	ng		0.00
75) Chrysene-d12	14.02	240	525817	20.00	ng		0.00
86) Perylene-d12	15.45	264	482039	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1239609	127.30	ng		0.01
7) Phenol-d6	6.50	99	1658255	132.35	ng		0.01
23) Nitrobenzene-d5	7.42	82	993632	78.10	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	368354	136.30	ng		0.01
44) 2-Fluorobiphenyl	9.22	172	1666710	80.81	ng		0.00
78) Terphenyl-d14	12.97	244	1691894	75.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	178095	33.85	ng	#	86
3) Pyridine	3.23	79	497921	37.22	ng		87
4) n-Nitrosodimethylamine	3.18	42	276499	44.01	ng		86
6) Aniline	6.52	93	464565	27.18	ng	#	67
8) 2-Chlorophenol	6.65	128	496291	46.20	ng		95
9) Benzaldehyde	6.40	77	94328	10.51	ng		88
10) Phenol	6.51	94	528128	36.03	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	517205	44.20	ng		96
12) 1,3-Dichlorobenzene	6.80	146	535191m	42.53	ng		
13) 1,4-Dichlorobenzene	6.88	146	555039	43.58	ng		94
14) 1,2-Dichlorobenzene	7.02	146	472694	38.82	ng		97
15) Benzyl Alcohol	7.00	79	384166	41.42	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	827668	40.72	ng		93
17) 2-Methylphenol	7.13	107	421054	45.69	ng		96
18) Hexachloroethane	7.37	117	184198	42.37	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	322729	40.46	ng		95
20) 3+4-Methylphenols	7.28	107	464162	42.12	ng		94
22) Acetophenone	7.28	105	623360	38.53	ng	#	90
24) Nitrobenzene	7.45	77	582107	44.56	ng		92
25) Isophorone	7.69	82	984980	41.55	ng		99
26) 2-Nitrophenol	7.76	139	267298	43.04	ng		93
27) 2,4-Dimethylphenol	7.80	122	442881	40.61	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	590569	37.61	ng		99
29) 2,4-Dichlorophenol	8.01	162	447858	44.03	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	444630	40.56	ng		97
31) Naphthalene	8.17	128	1429940	39.81	ng		99
32) Benzoic acid	7.94	122	267650	44.01	ng		96
33) 4-Chloroaniline	8.21	127	239621	17.01	ng		99
34) Hexachlorobutadiene	8.28	225	227438	37.71	ng		99
35) Caprolactam	8.59	113	139620m	43.64	ng		
36) 4-Chloro-3-methylphenol	8.70	107	432775	40.81	ng		99
37) 2-Methylnaphthalene	8.85	142	899295	39.00	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	426390	40.65	ng		100
40) Hexachlorocyclopentadiene	9.00	237	359176	75.90	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	308473m	44.76	ng		
43) 2,4,5-Trichlorophenol	9.18	196	318064m	42.12	ng		
45) 1,1'-Biphenyl	9.32	154	1148892	42.46	ng		98
46) 2-Chloronaphthalene	9.34	162	897913	42.42	ng		98
47) 2-Nitroaniline	9.45	65	309906	43.55	ng	#	71
48) Acenaphthylene	9.76	152	1313504	35.92	ng		99
49) Dimethylphthalate	9.63	163	1058051	42.04	ng		99
50) 2,6-Dinitrotoluene	9.69	165	244274	44.94	ng		93
51) Acenaphthene	9.93	154	877054	40.12	ng		96
52) 3-Nitroaniline	9.86	138	159084	25.57	ng	#	70
53) 2,4-Dinitrophenol	9.96	184	219008	79.25	ng	#	63
54) Dibenzofuran	10.10	168	1117971	38.23	ng		99
55) 4-Nitrophenol	10.03	139	351215	78.39	ng		92
56) 2,4-Dinitrotoluene	10.09	165	289116	39.95	ng		92
57) Fluorene	10.44	166	854795	38.00	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	250239	49.67	ng		95
59) Diethylphthalate	10.33	149	1023614	43.16	ng	#	93
60) 4-Chlorophenyl-phenylether	10.43	204	406117	37.58	ng		97
61) 4-Nitroaniline	10.48	138	280958	44.10	ng		86
62) Azobenzene	10.59	77	1109516	45.28	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	158675	42.77	ng	#	56
65) n-Nitrosodiphenylamine	10.56	169	791672	40.37	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	247489	38.59	ng		97
67) Hexachlorobenzene	10.99	284	247988	39.13	ng	#	87
68) Atrazine	11.08	200	251786	40.01	ng		99
69) Pentachlorophenol	11.19	266	279967	85.07	ng		97
70) Phenanthrene	11.40	178	1271589	36.16	ng		99
71) Anthracene	11.46	178	1506312	42.65	ng		99
72) Carbazole	11.61	167	1298327	38.46	ng		99
73) Di-n-butylphthalate	11.94	149	1456839	39.90	ng		98
74) Fluoranthene	12.59	202	1393773	38.42	ng		98
76) Benzidine	12.72	184	520108	23.21	ng		96
77) Pyrene	12.82	202	1395282	35.46	ng		99
79) Butylbenzylphthalate	13.44	149	711090	44.50	ng		89
80) Benzo(a)anthracene	14.01	228	1171391	36.42	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	314459	27.43	ng	#	95
82) Chrysene	14.04	228	1066577	35.42	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	930251	42.57	ng	#	96
84) Di-n-octyl phthalate	14.60	149	1627499	45.73	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	1081157	46.36	ng		94
87) Benzo(b)fluoranthene	15.04	252	1197101	37.73	ng		99
88) Benzo(k)fluoranthene	15.07	252	1136595m	41.49	ng		
89) Benzo(a)pyrene	15.39	252	1123322	40.93	ng		98
90) Dibenzo(a,h)anthracene	16.87	278	885481	39.92	ng	#	95
91) Benzo(g,h,i)perylene	17.28	276	891506	39.79	ng	#	89

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

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