Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
Data File : BF092923.D
Acq On : 13 Feb 2017 17:34
Operator : SJ/MA
Sample : PB96881BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96881BS

Manual Integrations APPROVED
mohammad
2/14/2017 11:30:16 AM

Quant Time: Feb 14 00:54:05 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	141642	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	570838	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	312954	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	525114	20.00	ng		0.00
75) Chrysene-d12	14.04	240	460502	20.00	ng		-0.01
86) Perylene-d12	15.48	264	425697	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	991335	120.07	ng		0.01
7) Phenol-d6	6.53	99	1394711	131.29	ng		0.00
23) Nitrobenzene-d5	7.45	82	808649	78.89	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	303227	133.97	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1389504	80.44	ng		0.00
78) Terphenyl-d14	12.99	244	1351969	68.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	148353	33.25	ng		87
3) Pyridine	3.29	79	370997	32.71	ng		88
4) n-Nitrosodimethylamine	3.24	42	206012	38.68	ng		82
6) Aniline	6.54	93	287089	19.81	ng		99
8) 2-Chlorophenol	6.67	128	365806	40.16	ng		95
9) Benzaldehyde	6.43	77	99971	13.14	ng		95
10) Phenol	6.54	94	471344	37.92	ng		85
11) bis(2-Chloroethyl)ether	6.62	93	386776	38.99	ng		97
12) 1,3-Dichlorobenzene	6.82	146	385001m	36.09	ng		
13) 1,4-Dichlorobenzene	6.90	146	401399	37.18	ng		98
14) 1,2-Dichlorobenzene	7.06	146	384946m	37.28	ng		
15) Benzyl Alcohol	7.02	79	307056	39.04	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	638151	37.03	ng		93
17) 2-Methylphenol	7.15	107	330431	42.29	ng		94
18) Hexachloroethane	7.39	117	135577	36.78	ng	#	87
19) n-Nitroso-di-n-propylamine	7.30	70	251621	37.21	ng		96
20) 3+4-Methylphenols	7.30	107	374384	40.07	ng	#	85
22) Acetophenone	7.30	105	495663	38.03	ng	#	93
24) Nitrobenzene	7.47	77	417126	39.63	ng		94
25) Isophorone	7.71	82	746679	39.09	ng		99
26) 2-Nitrophenol	7.79	139	218026	43.57	ng	#	83
27) 2,4-Dimethylphenol	7.82	122	332086	37.79	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	452391	35.76	ng		97
29) 2,4-Dichlorophenol	8.03	162	338092	41.25	ng		94
30) 1,2,4-Trichlorobenzene	8.11	180	335840	38.03	ng		96
31) Naphthalene	8.19	128	1072327	37.06	ng		99
32) Benzoic acid	7.95	122	142541	31.52	ng		98
33) 4-Chloroaniline	8.24	127	164956	14.54	ng		96
34) Hexachlorobutadiene	8.30	225	169933	34.97	ng		98
35) Caprolactam	8.60	113	106568	41.34	ng	#	35
36) 4-Chloro-3-methylphenol	8.73	107	354634	41.51	ng		98
37) 2-Methylnaphthalene	8.88	142	697776	37.56	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	333405	37.95	ng		99
40) Hexachlorocyclopentadiene	9.04	237	207035	52.24	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	244745	42.40	ng		95
43) 2,4,5-Trichlorophenol	9.21	196	232105	36.70	ng	#	83
45) 1,1'-Biphenyl	9.34	154	911652	40.23	ng		99
46) 2-Chloronaphthalene	9.37	162	700490	39.51	ng		98
47) 2-Nitroaniline	9.47	65	239096	40.11	ng	#	73
48) Acenaphthylene	9.78	152	1068640	34.90	ng		99
49) Dimethylphthalate	9.64	163	783770	37.18	ng		98
50) 2,6-Dinitrotoluene	9.71	165	198087	43.51	ng		96
51) Acenaphthene	9.95	154	686083	37.47	ng		96
52) 3-Nitroaniline	9.87	138	110657	21.24	ng		90
53) 2,4-Dinitrophenol	9.98	184	168554	73.21	ng	#	64
54) Dibenzofuran	10.12	168	940453	38.40	ng		98
55) 4-Nitrophenol	10.05	139	315233	84.01	ng	#	72
56) 2,4-Dinitrotoluene	10.11	165	225435	37.20	ng		98
57) Fluorene	10.46	166	672596	35.70	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	193538	45.87	ng		95
59) Diethylphthalate	10.34	149	758080	38.16	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	335388	37.05	ng	#	73
61) 4-Nitroaniline	10.49	138	192163	36.01	ng		92
62) Azobenzene	10.62	77	866624	42.23	ng		86
64) 4,6-Dinitro-2-methylphenol	10.52	198	136626	43.04	ng		82
65) n-Nitrosodiphenylamine	10.58	169	620910	37.01	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	192955	35.17	ng		92
67) Hexachlorobenzene	11.01	284	196759	36.29	ng	#	86
68) Atrazine	11.10	200	184955	34.36	ng		99
69) Pentachlorophenol	11.21	266	214211	76.85	ng		97
70) Phenanthrene	11.42	178	1049527	34.89	ng		99
71) Anthracene	11.48	178	1174215	38.87	ng		98
72) Carbazole	11.64	167	1063237	36.82	ng	#	97
73) Di-n-butylphthalate	11.96	149	1145566	36.68	ng	#	97
74) Fluoranthene	12.61	202	1049278	33.81	ng		98
76) Benzidine	12.74	184	298582	15.22	ng		97
77) Pyrene	12.84	202	1084390	31.47	ng		99
79) Butylbenzylphthalate	13.46	149	496728	35.49	ng		98
80) Benzo(a)anthracene	14.03	228	968635	34.39	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	231230	23.03	ng	#	96
82) Chrysene	14.07	228	862940	32.72	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	716846	37.45	ng	#	97
84) Di-n-octyl phthalate	14.63	149	1224209	39.28	ng		100
85) Indeno(1,2,3-cd)pyrene	16.91	276	954870	46.75	ng		95
87) Benzo(b)fluoranthene	15.07	252	1070589m	38.21	ng		
88) Benzo(k)fluoranthene	15.09	252	794211m	32.83	ng		
89) Benzo(a)pyrene	15.43	252	907635	37.45	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	794137	40.54	ng		98
91) Benzo(g,h,i)perylene	17.33	276	812549	41.06	ng	#	89

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

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