Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095925.D
Acq On : 14 Jun 2017 16:32
Operator : SJ/MA
Sample : PB99764BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99764BS

Manual Integrations APPROVED
mohammad
6/15/2017 3:55:10 PM

Quant Time: Jun 15 01:32:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	73410	20.00	ng		-0.06
21) Naphthalene-d8	9.37	136	310877	20.00	ng		-0.06
38) Acenaphthene-d10	12.19	164	142998	20.00	ng		-0.06
63) Phenanthrene-d10	14.59	188	259612	20.00	ng		-0.06
75) Chrysene-d12	18.30	240	196770	20.00	ng		-0.05
86) Perylene-d12	19.97	264	149250	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	643010	139.57	ng		-0.04
7) Phenol-d6	6.92	99	761650	138.10	ng		-0.04
23) Nitrobenzene-d5	8.26	82	452393	90.38	ng		-0.06
41) 2,4,6-Tribromophenol	13.49	330	170407	134.69	ng		-0.06
44) 2-Fluorobiphenyl	11.15	172	909319	88.49	ng		-0.06
78) Terphenyl-d14	16.96	244	780502	98.44	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	1.73	88	76395	34.86	ng	#	93
3) Pyridine	2.28	79	204379m	39.68	ng		
4) n-Nitrosodimethylamine	2.25	42	84708	43.26	ng		81
6) Aniline	6.84	93	224626	31.13	ng		96
8) 2-Chlorophenol	7.02	128	235421	48.06	ng		97
9) Benzaldehyde	6.65	77	74787	20.10	ng		98
10) Phenol	6.93	94	281564	49.21	ng		91
11) bis(2-Chloroethyl)ether	6.99	93	210068	46.35	ng		94
12) 1,3-Dichlorobenzene	7.23	146	245378	44.26	ng		100
13) 1,4-Dichlorobenzene	7.36	146	252947	44.99	ng		97
14) 1,2-Dichlorobenzene	7.59	146	238988	46.11	ng		97
15) Benzyl Alcohol	7.65	79	189050	49.94	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.84	45	294811	46.30	ng		95
17) 2-Methylphenol	7.87	107	197136	47.96	ng		94
18) Hexachloroethane	8.11	117	86622	46.65	ng	#	83
19) n-Nitroso-di-n-propylamine	8.07	70	165769	47.43	ng		91
20) 3+4-Methylphenols	8.14	107	256863	49.22	ng	#	59
22) Acetophenone	8.03	105	331974	45.62	ng	#	83
24) Nitrobenzene	8.29	77	228040	42.65	ng		93
25) Isophorone	8.69	82	419962	44.93	ng		95
26) 2-Nitrophenol	8.80	139	132234	47.23	ng		100
27) 2,4-Dimethylphenol	8.95	122	209637	48.24	ng		98
28) bis(2-Chloroethoxy)methane	9.07	93	278604	45.22	ng		99
29) 2,4-Dichlorophenol	9.23	162	203493	48.62	ng		100
30) 1,2,4-Trichlorobenzene	9.30	180	192073	44.11	ng		97
31) Naphthalene	9.40	128	671296	43.03	ng		99
32) Benzoic acid	9.35	122	122355	45.37	ng		98
33) 4-Chloroaniline	9.56	127	140723	23.08	ng		94
34) Hexachlorobutadiene	9.62	225	100449	44.64	ng		98
35) Caprolactam	10.20	113	63455m	50.96	ng		
36) 4-Chloro-3-methylphenol	10.44	107	212598	48.53	ng		88
37) 2-Methylnaphthalene	10.53	142	471135	44.69	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.81	216	185075	43.24	ng		99
40) Hexachlorocyclopentadiene	10.78	237	108054	80.47	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.04	196	130654	47.48	ng		94
43) 2,4,5-Trichlorophenol	11.13	196	126426	43.20	ng	#	93
45) 1,1'-Biphenyl	11.30	154	528857	44.87	ng		98
46) 2-Chloronaphthalene	11.31	162	408422	44.35	ng		95
47) 2-Nitroaniline	11.54	65	123242	45.73	ng	#	81
48) Acenaphthylene	11.96	152	647466	41.12	ng		99
49) Dimethylphthalate	11.86	163	498715	45.93	ng		99
50) 2,6-Dinitrotoluene	11.96	165	104622	44.18	ng	#	72
51) Acenaphthene	12.24	154	390714	42.96	ng		99
52) 3-Nitroaniline	12.22	138	77342	28.03	ng		89
53) 2,4-Dinitrophenol	12.44	184	105861	79.03	ng	#	67
54) Dibenzofuran	12.53	168	603998	47.19	ng		97
55) 4-Nitrophenol	12.63	139	125710	78.15	ng	#	75
56) 2,4-Dinitrotoluene	12.63	165	153130	47.87	ng	#	87
57) Fluorene	13.09	166	480674	43.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.79	232	104113	51.99	ng	#	92
59) Diethylphthalate	13.01	149	500334	47.88	ng		98
60) 4-Chlorophenyl-phenylether	13.12	204	217382	44.88	ng		88
61) 4-Nitroaniline	13.23	138	112345	43.61	ng		96
62) Azobenzene	13.37	77	448844	47.40	ng		94
64) 4,6-Dinitro-2-methylphenol	13.30	198	74069	43.41	ng	#	76
65) n-Nitrosodiphenylamine	13.33	169	421925	45.23	ng		98
66) 4-Bromophenyl-phenylether	13.89	248	124237	46.05	ng		100
67) Hexachlorobenzene	13.98	284	124073	46.67	ng	#	90
68) Atrazine	14.26	200	129817	50.00	ng		97
69) Pentachlorophenol	14.34	266	75620	75.42	ng		97
70) Phenanthrene	14.63	178	681389	45.49	ng		98
71) Anthracene	14.71	178	701725	44.87	ng		98
72) Carbazole	15.01	167	641917	42.12	ng		98
73) Di-n-butylphthalate	15.60	149	794133	48.98	ng		98
74) Fluoranthene	16.40	202	686200	46.28	ng		99
76) Benzidine	16.63	184	276942	36.65	ng	#	92
77) Pyrene	16.70	202	693561	47.24	ng		99
79) Butylbenzylphthalate	17.63	149	331551	51.71	ng	#	85
80) Benzo(a)anthracene	18.29	228	534524	46.72	ng		98
81) 3,3'-Dichlorobenzidine	18.28	252	100720	24.76	ng	#	95
82) Chrysene	18.34	228	506630	44.31	ng		99
83) Bis(2-ethylhexyl)phthalate	18.38	149	474587	52.47	ng	#	99
84) Di-n-octyl phthalate	19.14	149	765008	51.33	ng		96
85) Indeno(1,2,3-cd)pyrene	21.13	276	388185	39.68	ng		99
87) Benzo(b)fluoranthene	19.57	252	440703	47.16	ng		98
88) Benzo(k)fluoranthene	19.60	252	420130m	47.03	ng		
89) Benzo(a)pyrene	19.91	252	400785	46.66	ng		98
90) Dibenzo(a,h)anthracene	21.13	278	327145	44.90	ng		96
91) Benzo(g,h,i)perylene	21.46	276	338190	45.53	ng		97

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

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