Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
Data File : BF095848.D
Acq On : 10 Jun 2017 15:21
Operator : SJ/MA
Sample : PB99662BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99662BS

Manual Integrations APPROVED
mohammad
6/12/2017 1:28:01 PM

Quant Time: Jun 12 04:19:54 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	7.37	152	56331	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	234847	20.00	ng		-0.04
38) Acenaphthene-d10	12.23	164	108754	20.00	ng		-0.03
63) Phenanthrene-d10	14.62	188	209181	20.00	ng		-0.03
75) Chrysene-d12	18.34	240	160769	20.00	ng		-0.02
86) Perylene-d12	20.00	264	117140	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	507364	143.52	ng		-0.02
7) Phenol-d6	6.93	99	588880	139.14	ng		-0.02
23) Nitrobenzene-d5	8.29	82	343955	90.96	ng		-0.04
41) 2,4,6-Tribromophenol	13.53	330	129075	134.14	ng		-0.02
44) 2-Fluorobiphenyl	11.18	172	684384	87.57	ng		-0.04
78) Terphenyl-d14	17.00	244	659945	101.87	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	60632	36.05	ng		97
3) Pyridine	2.30	79	149354	37.79	ng		94
4) n-Nitrosodimethylamine	2.26	42	65828	43.81	ng	#	77
6) Aniline	6.87	93	149381	26.98	ng		95
8) 2-Chlorophenol	7.05	128	182866	48.65	ng		97
9) Benzaldehyde	6.67	77	65005	22.77	ng		98
10) Phenol	6.95	94	226010	51.48	ng		90
11) bis(2-Chloroethyl)ether	7.01	93	162394	46.69	ng		98
12) 1,3-Dichlorobenzene	7.27	146	192392	45.22	ng		98
13) 1,4-Dichlorobenzene	7.39	146	195080	45.21	ng		96
14) 1,2-Dichlorobenzene	7.63	146	184382	46.36	ng		96
15) Benzyl Alcohol	7.67	79	145294	50.02	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.87	45	221322	45.29	ng		96
17) 2-Methylphenol	7.90	107	151777	48.12	ng		97
18) Hexachloroethane	8.15	117	66284	46.52	ng		88
19) n-Nitroso-di-n-propylamine	8.10	70	124857	46.55	ng		94
20) 3+4-Methylphenols	8.17	107	198758	49.64	ng	#	59
22) Acetophenone	8.06	105	248438	45.20	ng	#	84
24) Nitrobenzene	8.32	77	176599	43.72	ng		91
25) Isophorone	8.72	82	315912	44.74	ng	#	94
26) 2-Nitrophenol	8.83	139	100922	47.71	ng		98
27) 2,4-Dimethylphenol	8.98	122	159200	48.50	ng		97
28) bis(2-Chloroethoxy)methane	9.10	93	205837	44.23	ng		97
29) 2,4-Dichlorophenol	9.26	162	151438	47.90	ng		98
30) 1,2,4-Trichlorobenzene	9.33	180	148280	45.08	ng		99
31) Naphthalene	9.43	128	520266	44.14	ng		99
32) Benzoic acid	9.30	122	11064m	9.93	ng		
33) 4-Chloroaniline	9.59	127	108155	23.48	ng	#	93
34) Hexachlorobutadiene	9.66	225	72828	42.85	ng		95
35) Caprolactam	10.22	113	49028m	52.12	ng		
36) 4-Chloro-3-methylphenol	10.46	107	161333	48.75	ng		90
37) 2-Methylnaphthalene	10.56	142	360283	45.24	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.84	216	140957	43.31	ng		98
40) Hexachlorocyclopentadiene	10.82	237	72957	72.70	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	93706	44.78	ng		97
43) 2,4,5-Trichlorophenol	11.16	196	95017	42.69	ng		93
45) 1,1'-Biphenyl	11.33	154	406505	45.35	ng		96
46) 2-Chloronaphthalene	11.34	162	314315	44.88	ng		96
47) 2-Nitroaniline	11.56	65	96511	47.09	ng	#	81
48) Acenaphthylene	12.00	152	504971	42.17	ng		99
49) Dimethylphthalate	11.89	163	376705	45.62	ng		99
50) 2,6-Dinitrotoluene	11.98	165	83500	46.36	ng	#	84
51) Acenaphthene	12.28	154	300205	43.40	ng		99
52) 3-Nitroaniline	12.24	138	65103	31.02	ng		89
53) 2,4-Dinitrophenol	12.50	184	12982	18.17	ng	#	64
54) Dibenzofuran	12.56	168	463759	47.64	ng		97
55) 4-Nitrophenol	12.66	139	103587	84.28	ng	#	74
56) 2,4-Dinitrotoluene	12.65	165	118501	48.71	ng	#	87
57) Fluorene	13.12	166	370493	43.73	ng		97
58) 2,3,4,6-Tetrachlorophenol	12.82	232	73405	48.20	ng	#	95
59) Diethylphthalate	13.03	149	380767	47.92	ng		100
60) 4-Chlorophenyl-phenylether	13.14	204	164199	44.57	ng		91
61) 4-Nitroaniline	13.25	138	94095	48.03	ng		96
62) Azobenzene	13.40	77	350945	48.73	ng		94
64) 4,6-Dinitro-2-methylphenol	13.34	198	24826	18.06	ng	#	76
65) n-Nitrosodiphenylamine	13.36	169	323994	43.10	ng		97
66) 4-Bromophenyl-phenylether	13.93	248	93165	42.85	ng		99
67) Hexachlorobenzene	14.02	284	95154	44.42	ng	#	92
68) Atrazine	14.29	200	101653	48.59	ng		97
69) Pentachlorophenol	14.38	266	34741	45.84	ng		93
70) Phenanthrene	14.66	178	554057	45.91	ng		97
71) Anthracene	14.74	178	568556	45.12	ng		98
72) Carbazole	15.04	167	542409	44.17	ng		98
73) Di-n-butylphthalate	15.63	149	636314	48.71	ng		98
74) Fluoranthene	16.44	202	582378	48.75	ng		98
76) Benzidine	16.66	184	234435	37.97	ng	#	93
77) Pyrene	16.74	202	588518	49.06	ng		99
79) Butylbenzylphthalate	17.66	149	265549	50.69	ng		87
80) Benzo(a)anthracene	18.33	228	440416	47.12	ng		98
81) 3,3'-Dichlorobenzidine	18.31	252	75548	22.73	ng	#	96
82) Chrysene	18.37	228	413250	44.24	ng		99
83) Bis(2-ethylhexyl)phthalate	18.41	149	372462	50.40	ng	#	100
84) Di-n-octyl phthalate	19.18	149	543020	44.59	ng		96
85) Indeno(1,2,3-cd)pyrene	21.18	276	351376	43.96	ng		100
87) Benzo(b)fluoranthene	19.60	252	355688	48.49	ng		97
88) Benzo(k)fluoranthene	19.63	252	305388	43.56	ng		96
89) Benzo(a)pyrene	19.95	252	312398	46.34	ng		100
90) Dibenzo(a,h)anthracene	21.18	278	290685	50.83	ng		97
91) Benzo(g,h,i)perylene	21.51	276	313171	53.72	ng		98

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

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