Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095896.D
Acq On : 13 Jun 2017 16:22
Operator : SJ/MA
Sample : PB99721BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Manual Integrations APPROVED
mohammad
6/14/2017 4:24:35 PM

Quant Time: Jun 14 04:31:09 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	7.35	152	68178	20.00	ng		-0.05
21) Naphthalene-d8	9.38	136	283425	20.00	ng		-0.05
38) Acenaphthene-d10	12.20	164	132532	20.00	ng		-0.05
63) Phenanthrene-d10	14.60	188	230469	20.00	ng		-0.05
75) Chrysene-d12	18.32	240	152333	20.00	ng		-0.04
86) Perylene-d12	19.99	264	122658	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	608609	142.24	ng		-0.03
7) Phenol-d6	6.93	99	705519	137.74	ng		-0.03
23) Nitrobenzene-d5	8.27	82	416333	91.23	ng		-0.05
41) 2,4,6-Tribromophenol	13.51	330	153364	130.79	ng		-0.04
44) 2-Fluorobiphenyl	11.16	172	835549	87.73	ng		-0.05
78) Terphenyl-d14	16.97	244	691833	112.71	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	72559	35.65	ng		92
3) Pyridine	2.30	79	190833	39.89	ng		95
4) n-Nitrosodimethylamine	2.26	42	79956	43.96	ng		85
6) Aniline	6.86	93	199341	29.75	ng		96
8) 2-Chlorophenol	7.04	128	220799	48.53	ng		93
9) Benzaldehyde	6.67	77	68321	19.77	ng		95
10) Phenol	6.94	94	269110	50.65	ng		92
11) bis(2-Chloroethyl)ether	7.00	93	195208	46.38	ng		98
12) 1,3-Dichlorobenzene	7.25	146	228133	44.30	ng		99
13) 1,4-Dichlorobenzene	7.37	146	230226	44.09	ng		98
14) 1,2-Dichlorobenzene	7.61	146	222403	46.20	ng		96
15) Benzyl Alcohol	7.66	79	172622	49.10	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.85	45	273515	46.25	ng		96
17) 2-Methylphenol	7.89	107	183882	48.16	ng		94
18) Hexachloroethane	8.13	117	79555	46.13	ng	#	86
19) n-Nitroso-di-n-propylamine	8.09	70	152242	46.90	ng		97
20) 3+4-Methylphenols	8.16	107	236600	48.82	ng	#	60
22) Acetophenone	8.05	105	303040	45.68	ng	#	83
24) Nitrobenzene	8.30	77	212600	43.61	ng		95
25) Isophorone	8.70	82	389538	45.71	ng		96
26) 2-Nitrophenol	8.81	139	123107	48.23	ng		97
27) 2,4-Dimethylphenol	8.96	122	197032	49.73	ng		98
28) bis(2-Chloroethoxy)methane	9.08	93	256179	45.61	ng		97
29) 2,4-Dichlorophenol	9.25	162	188986	49.53	ng		99
30) 1,2,4-Trichlorobenzene	9.32	180	179572	45.23	ng		98
31) Naphthalene	9.42	128	623708	43.85	ng		99
32) Benzoic acid	9.33	122	88115	36.91	ng		91
33) 4-Chloroaniline	9.58	127	111413	20.04	ng	#	93
34) Hexachlorobutadiene	9.63	225	90780	44.25	ng		98
35) Caprolactam	10.22	113	58002m	51.09	ng		
36) 4-Chloro-3-methylphenol	10.45	107	195230	48.88	ng		88
37) 2-Methylnaphthalene	10.55	142	437760	45.55	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.82	216	172657	43.53	ng		99
40) Hexachlorocyclopentadiene	10.79	237	104450	83.45	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	116920	45.85	ng		99
43) 2,4,5-Trichlorophenol	11.15	196	113877	41.98	ng		96
45) 1,1'-Biphenyl	11.31	154	487400	44.62	ng		98
46) 2-Chloronaphthalene	11.33	162	375868	44.04	ng		97
47) 2-Nitroaniline	11.55	65	110527	44.25	ng	#	81
48) Acenaphthylene	11.97	152	591403	40.52	ng		99
49) Dimethylphthalate	11.87	163	456115	45.33	ng		99
50) 2,6-Dinitrotoluene	11.97	165	96943	44.17	ng	#	79
51) Acenaphthene	12.26	154	356119	42.25	ng		98
52) 3-Nitroaniline	12.23	138	69025	26.99	ng		90
53) 2,4-Dinitrophenol	12.46	184	67312	56.25	ng	#	66
54) Dibenzofuran	12.54	168	546716	46.09	ng		97
55) 4-Nitrophenol	12.65	139	111820	75.19	ng	#	78
56) 2,4-Dinitrotoluene	12.64	165	136155	45.93	ng	#	89
57) Fluorene	13.10	166	440565	42.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.80	232	88292	47.57	ng	#	93
59) Diethylphthalate	13.02	149	448975	46.36	ng		99
60) 4-Chlorophenyl-phenylether	13.13	204	198306	44.17	ng		92
61) 4-Nitroaniline	13.24	138	101675	42.58	ng		97
62) Azobenzene	13.39	77	410386	46.76	ng		94
64) 4,6-Dinitro-2-methylphenol	13.31	198	55360	36.54	ng	#	76
65) n-Nitrosodiphenylamine	13.34	169	374766	45.25	ng		98
66) 4-Bromophenyl-phenylether	13.91	248	112365	46.91	ng		98
67) Hexachlorobenzene	13.99	284	113452	48.07	ng	#	91
68) Atrazine	14.27	200	114511	49.68	ng		97
69) Pentachlorophenol	14.36	266	63433	71.63	ng		97
70) Phenanthrene	14.64	178	619051	46.55	ng		98
71) Anthracene	14.73	178	635508	45.78	ng		98
72) Carbazole	15.02	167	579571	42.84	ng		98
73) Di-n-butylphthalate	15.62	149	718065	49.89	ng		98
74) Fluoranthene	16.42	202	605507	46.01	ng		98
76) Benzidine	16.65	184	171280	29.28	ng	#	93
77) Pyrene	16.72	202	608654	53.55	ng		99
79) Butylbenzylphthalate	17.64	149	274514	55.30	ng		91
80) Benzo(a)anthracene	18.31	228	421481	47.59	ng		97
81) 3,3'-Dichlorobenzidine	18.30	252	87560	27.81	ng	#	96
82) Chrysene	18.35	228	406983	45.98	ng		99
83) Bis(2-ethylhexyl)phthalate	18.39	149	380113	54.28	ng		99
84) Di-n-octyl phthalate	19.16	149	542991	47.06	ng		95
85) Indeno(1,2,3-cd)pyrene	21.16	276	369655	48.81	ng		100
87) Benzo(b)fluoranthene	19.58	252	315398	41.07	ng		98
88) Benzo(k)fluoranthene	19.61	252	348507m	47.47	ng		
89) Benzo(a)pyrene	19.93	252	323161	45.78	ng		99
90) Dibenzo(a,h)anthracene	21.16	278	313312	52.32	ng		97
91) Benzo(g,h,i)perylene	21.48	276	325177	53.27	ng		97

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

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