Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096012.D
Acq On : 19 Jun 2017 18:23
Operator : SJ/MA
Sample : PB99828BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Manual Integrations APPROVED
mohammad
6/20/2017 4:29:04 PM

Quant Time: Jun 20 02:42:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	69413	20.00	ng		-0.02
21) Naphthalene-d8	9.34	136	289842	20.00	ng		-0.02
38) Acenaphthene-d10	12.16	164	128962	20.00	ng		-0.02
63) Phenanthrene-d10	14.55	188	214446	20.00	ng		-0.02
75) Chrysene-d12	18.27	240	128689	20.00	ng		-0.02
86) Perylene-d12	19.95	264	125972	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	624997	143.47	ng		-0.01
7) Phenol-d6	6.89	99	725990	139.21	ng		-0.02
23) Nitrobenzene-d5	8.23	82	435546	93.32	ng		-0.02
41) 2,4,6-Tribromophenol	13.46	330	144866	126.96	ng		-0.02
44) 2-Fluorobiphenyl	11.12	172	849778	91.70	ng		-0.02
78) Terphenyl-d14	16.93	244	609785	117.60	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.69	88	66667	32.17	ng		92
3) Pyridine	2.23	79	177368	36.42	ng		98
4) n-Nitrosodimethylamine	2.20	42	80707	43.59	ng		81
6) Aniline	6.81	93	220847	32.37	ng		95
8) 2-Chlorophenol	6.99	128	224698	48.51	ng		98
9) Benzaldehyde	6.63	77	63475	18.04	ng		98
10) Phenol	6.90	94	264249	48.85	ng		89
11) bis(2-Chloroethyl)ether	6.95	93	199120	46.46	ng		98
12) 1,3-Dichlorobenzene	7.20	146	228939	43.67	ng		100
13) 1,4-Dichlorobenzene	7.33	146	236950	44.57	ng		97
14) 1,2-Dichlorobenzene	7.56	146	219347	44.75	ng		96
15) Benzyl Alcohol	7.62	79	175452	49.02	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.80	45	279527	46.42	ng		98
17) 2-Methylphenol	7.85	107	183460	47.20	ng		98
18) Hexachloroethane	8.07	117	81273	46.29	ng	#	82
19) n-Nitroso-di-n-propylamine	8.05	70	156356	47.31	ng		93
20) 3+4-Methylphenols	8.12	107	238630	48.36	ng	#	54
22) Acetophenone	8.00	105	307406	45.31	ng	#	84
24) Nitrobenzene	8.26	77	216367	43.40	ng		94
25) Isophorone	8.66	82	391853	44.97	ng		96
26) 2-Nitrophenol	8.77	139	122837	47.05	ng		99
27) 2,4-Dimethylphenol	8.93	122	195703	48.31	ng		96
28) bis(2-Chloroethoxy)methane	9.04	93	261582	45.54	ng		99
29) 2,4-Dichlorophenol	9.20	162	175778	45.05	ng		97
30) 1,2,4-Trichlorobenzene	9.27	180	181826	44.79	ng		99
31) Naphthalene	9.37	128	627735	43.15	ng		99
32) Benzoic acid	9.31	122	82259	34.14	ng		95
33) 4-Chloroaniline	9.54	127	135689	23.87	ng	#	93
34) Hexachlorobutadiene	9.59	225	93084	44.37	ng		98
35) Caprolactam	10.17	113	56096m	48.32	ng		
36) 4-Chloro-3-methylphenol	10.42	107	186154	45.58	ng		90
37) 2-Methylnaphthalene	10.50	142	437160	44.48	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.78	216	169820	44.00	ng		99
40) Hexachlorocyclopentadiene	10.75	237	59582	53.57	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.02	196	112331	45.27	ng		99
43) 2,4,5-Trichlorophenol	11.11	196	107691	40.80	ng		95
45) 1,1'-Biphenyl	11.27	154	480994	45.25	ng		98
46) 2-Chloronaphthalene	11.28	162	370900	44.66	ng		95
47) 2-Nitroaniline	11.51	65	107163	44.10	ng	#	80
48) Acenaphthylene	11.93	152	566186	39.87	ng		98
49) Dimethylphthalate	11.83	163	440691	45.01	ng		98
50) 2,6-Dinitrotoluene	11.92	165	88767	41.56	ng	#	65
51) Acenaphthene	12.21	154	342220	41.73	ng		98
52) 3-Nitroaniline	12.19	138	68170	27.40	ng		91
53) 2,4-Dinitrophenol	12.43	184	46736	41.99	ng	#	68
54) Dibenzofuran	12.50	168	522743	45.29	ng		98
55) 4-Nitrophenol	12.62	139	96203	67.01	ng	#	75
56) 2,4-Dinitrotoluene	12.60	165	130118	45.11	ng		93
57) Fluorene	13.05	166	413846	41.20	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.76	232	83056	45.99	ng	#	95
59) Diethylphthalate	12.97	149	430885	45.73	ng		99
60) 4-Chlorophenyl-phenylether	13.08	204	187635	42.95	ng		91
61) 4-Nitroaniline	13.19	138	88373	38.04	ng		97
62) Azobenzene	13.34	77	390201	45.69	ng		93
64) 4,6-Dinitro-2-methylphenol	13.27	198	44395	31.50	ng		86
65) n-Nitrosodiphenylamine	13.30	169	354758	46.04	ng		98
66) 4-Bromophenyl-phenylether	13.86	248	104144	46.73	ng		97
67) Hexachlorobenzene	13.94	284	101187	46.07	ng	#	88
68) Atrazine	14.22	200	108898	50.78	ng		96
69) Pentachlorophenol	14.32	266	50945	62.73	ng		97
70) Phenanthrene	14.59	178	557969	45.09	ng		98
71) Anthracene	14.67	178	577013	44.67	ng		98
72) Carbazole	14.97	167	517905	41.14	ng		98
73) Di-n-butylphthalate	15.57	149	659735	49.26	ng		99
74) Fluoranthene	16.37	202	510193	41.66	ng		99
76) Benzidine	16.61	184	213190	43.13	ng	#	93
77) Pyrene	16.67	202	498620	51.93	ng		100
79) Butylbenzylphthalate	17.60	149	230644	55.00	ng	#	85
80) Benzo(a)anthracene	18.26	228	342538	45.78	ng		98
81) 3,3'-Dichlorobenzidine	18.25	252	98023	36.85	ng	#	96
82) Chrysene	18.31	228	335843	44.92	ng		98
83) Bis(2-ethylhexyl)phthalate	18.35	149	318193	53.79	ng	#	100
84) Di-n-octyl phthalate	19.12	149	477718	49.01	ng		95
85) Indeno(1,2,3-cd)pyrene	21.10	276	358630	56.06	ng		100
87) Benzo(b)fluoranthene	19.54	252	346030	43.87	ng		98
88) Benzo(k)fluoranthene	19.57	252	315056	41.79	ng		95
89) Benzo(a)pyrene	19.89	252	330283	45.56	ng		99
90) Dibenzo(a,h)anthracene	21.10	278	301471	49.02	ng		97
91) Benzo(g,h,i)perylene	21.43	276	302686	48.28	ng		96

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

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