Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092782.D
Acq On : 3 Feb 2017 18:26
Operator : SJ/MA
Sample : PB96705BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96705BS

Manual Integrations APPROVED
mohammad
2/6/2017 12:33:57 PM

Quant Time: Feb 03 23:24:02 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	138753	20.00	ng		-0.05
21) Naphthalene-d8	8.21	136	578944	20.00	ng		-0.05
38) Acenaphthene-d10	9.97	164	310320	20.00	ng		-0.03
63) Phenanthrene-d10	11.46	188	540290	20.00	ng		-0.03
75) Chrysene-d12	14.11	240	510414	20.00	ng		-0.03
86) Perylene-d12	15.57	264	447606	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1037469	128.28	ng		-0.03
7) Phenol-d6	6.57	99	1473424	141.59	ng		-0.03
23) Nitrobenzene-d5	7.49	82	845359	81.31	ng		-0.05
41) 2,4,6-Tribromophenol	10.77	330	321214	143.12	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1719928	100.41	ng		-0.03
78) Terphenyl-d14	13.06	244	1630510	75.06	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	154241	35.29	ng	#	83
3) Pyridine	3.34	79	474385	42.69	ng		88
4) n-Nitrosodimethylamine	3.30	42	234347	44.91	ng		88
6) Aniline	6.59	93	245815	17.32	ng		86
8) 2-Chlorophenol	6.72	128	430075	48.20	ng		97
9) Benzaldehyde	6.48	77	229214	30.75	ng		90
10) Phenol	6.59	94	509250	41.83	ng		80
11) bis(2-Chloroethyl)ether	6.66	93	394019	40.55	ng		89
12) 1,3-Dichlorobenzene	6.86	146	464415m	44.44	ng		
13) 1,4-Dichlorobenzene	6.94	146	481736	45.55	ng		94
14) 1,2-Dichlorobenzene	7.09	146	425544	42.07	ng		98
15) Benzyl Alcohol	7.07	79	348276	45.21	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	726404	43.03	ng		94
17) 2-Methylphenol	7.18	107	345722	45.17	ng		97
18) Hexachloroethane	7.44	117	152293	42.18	ng		97
19) n-Nitroso-di-n-propylamine	7.34	70	298680	45.09	ng		97
20) 3+4-Methylphenols	7.34	107	433880	47.41	ng		91
22) Acetophenone	7.33	105	543575	41.12	ng	#	96
24) Nitrobenzene	7.52	77	472395	44.25	ng	#	83
25) Isophorone	7.74	82	826629	42.67	ng		96
26) 2-Nitrophenol	7.82	139	219142	43.18	ng		96
27) 2,4-Dimethylphenol	7.87	122	411106	46.13	ng		96
28) bis(2-Chloroethoxy)methane	7.96	93	549939	42.86	ng		99
29) 2,4-Dichlorophenol	8.08	162	398781	47.98	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	400464	44.71	ng		97
31) Naphthalene	8.24	128	1253278	42.70	ng		99
32) Benzoic acid	8.01	122	250034	49.29	ng		96
33) 4-Chloroaniline	8.28	127	85891	7.46	ng		98
34) Hexachlorobutadiene	8.35	225	206138	41.83	ng		99
35) Caprolactam	8.66	113	121625m	46.52	ng		
36) 4-Chloro-3-methylphenol	8.78	107	419839	48.45	ng		96
37) 2-Methylnaphthalene	8.93	142	848197m	45.01	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	345633	39.68	ng		99
40) Hexachlorocyclopentadiene	9.08	237	343075	87.29	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	274185	47.90	ng		94
43) 2,4,5-Trichlorophenol	9.25	196	275078	43.86	ng		96
45) 1,1'-Biphenyl	9.39	154	935913	41.65	ng		97
46) 2-Chloronaphthalene	9.42	162	820519	46.68	ng		95
47) 2-Nitroaniline	9.52	65	229468	38.83	ng		99
48) Acenaphthylene	9.84	152	1194301	39.33	ng		99
49) Dimethylphthalate	9.70	163	893409	42.74	ng		98
50) 2,6-Dinitrotoluene	9.77	165	231556	51.30	ng	#	81
51) Acenaphthene	10.01	154	800227	44.08	ng		96
52) 3-Nitroaniline	9.93	138	63378	12.27	ng		100
53) 2,4-Dinitrophenol	10.04	184	196173	85.11	ng	#	79
54) Dibenzofuran	10.18	168	1049306	43.21	ng		97
55) 4-Nitrophenol	10.11	139	309869	83.28	ng		90
56) 2,4-Dinitrotoluene	10.17	165	257373	42.83	ng		97
57) Fluorene	10.52	166	813200	43.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	222934	53.29	ng		97
59) Diethylphthalate	10.41	149	964398	48.96	ng		95
60) 4-Chlorophenyl-phenylether	10.52	204	390130	43.47	ng	#	73
61) 4-Nitroaniline	10.56	138	227522	43.00	ng		89
62) Azobenzene	10.68	77	1004626	49.37	ng		88
64) 4,6-Dinitro-2-methylphenol	10.58	198	144379	44.13	ng	#	70
65) n-Nitrosodiphenylamine	10.64	169	737936	42.75	ng		100
66) 4-Bromophenyl-phenylether	11.01	248	245034	43.41	ng	#	78
67) Hexachlorobenzene	11.07	284	238248	42.71	ng	#	81
68) Atrazine	11.17	200	281845	50.89	ng		95
69) Pentachlorophenol	11.28	266	282997	96.63	ng		98
70) Phenanthrene	11.49	178	1393605	45.02	ng		98
71) Anthracene	11.54	178	1259314	40.51	ng		99
72) Carbazole	11.70	167	1170933	39.41	ng		99
73) Di-n-butylphthalate	12.03	149	1540096	47.93	ng	#	96
74) Fluoranthene	12.68	202	1417703	44.40	ng		95
76) Benzidine	12.80	184	413768	19.02	ng		96
77) Pyrene	12.91	202	1374112	35.97	ng		99
79) Butylbenzylphthalate	13.53	149	674296	43.47	ng		88
80) Benzo(a)anthracene	14.10	228	1198931	38.41	ng		99
81) 3,3'-Dichlorobenzidine	14.07	252	230631	20.73	ng	#	96
82) Chrysene	14.15	228	1207848	41.32	ng		98
83) Bis(2-ethylhexyl)phthalate	14.09	149	904136	42.62	ng	#	97
84) Di-n-octyl phthalate	14.69	149	1752146	50.72	ng		100
85) Indeno(1,2,3-cd)pyrene	17.05	276	1094195	48.33	ng		94
87) Benzo(b)fluoranthene	15.15	252	1266475	42.99	ng		99
88) Benzo(k)fluoranthene	15.19	252	1204714m	47.36	ng		
89) Benzo(a)pyrene	15.52	252	1122779	44.06	ng		98
90) Dibenzo(a,h)anthracene	17.06	278	905448	43.96	ng		96
91) Benzo(g,h,i)perylene	17.49	276	845597	40.64	ng	#	94

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

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