Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094364.D
Acq On : 11 Apr 2017 21:41
Operator : SJ/MA
Sample : I2622-06MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AA8-BASEMS

Manual Integrations APPROVED
mohammad
4/12/2017 5:12:09 PM

Quant Time: Apr 12 11:50:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	139675	20.00	ng		-0.02
21) Naphthalene-d8	7.36	136	335473	20.00	ng		0.00
38) Acenaphthene-d10	9.50	164	142913	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	281016	20.00	ng		0.00
75) Chrysene-d12	14.58	240	249307	20.00	ng		0.00
86) Perylene-d12	16.20	264	208538	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.39	112	1115007	134.83	ng		0.00
7) Phenol-d6	5.49	99	1265807	123.73	ng		0.03
23) Nitrobenzene-d5	6.55	82	805098	136.96	ng		0.04
41) 2,4,6-Tribromophenol	10.48	330	178069	157.68	ng		0.00
44) 2-Fluorobiphenyl	8.69	172	1161893	124.01	ng		0.00
78) Terphenyl-d14	13.30	244	830249	74.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	112686	28.36	ng		97
3) Pyridine	2.70	79	198889	18.37	ng		98
4) n-Nitrosodimethylamine	2.62	42	135857	30.49	ng		91
6) Aniline	5.56	93	474264m	33.33	ng		
8) 2-Chlorophenol	5.62	128	352310	38.76	ng		96
9) Benzaldehyde	5.34	77	53090	7.69	ng	#	1
10) Phenol	5.52	94	3656041	314.05	ng		94
11) bis(2-Chloroethyl)ether	5.56	93	503608	55.36	ng	#	71
12) 1,3-Dichlorobenzene	5.77	146	378632	37.14	ng		98
13) 1,4-Dichlorobenzene	5.86	146	375331	36.35	ng		96
14) 1,2-Dichlorobenzene	6.03	146	344486	36.22	ng		98
15) Benzyl Alcohol	6.24	79	3412642	455.76	ng	#	1
16) 2,2'-oxybis(1-Chloropropan	6.19	45	212815	15.18	ng	#	1
17) 2-Methylphenol	6.25	107	7044857	904.97	ng		96
20) 3+4-Methylphenols	6.47	107	10120264m	1073.40	ng		
24) Nitrobenzene	6.56	77	217331	37.49	ng		93
27) 2,4-Dimethylphenol	7.09	122	9698410m	2035.76	ng		
28) bis(2-Chloroethoxy)methane	7.11	93	495899	72.80	ng	#	18
30) 1,2,4-Trichlorobenzene	7.32	180	196032	42.73	ng		96
31) Naphthalene	7.43	128	1740842	107.92	ng		98
32) Benzoic acid	7.29	122	10015349m	3158.07	ng		
33) 4-Chloroaniline	7.53	127	242063	37.03	ng		96
34) Hexachlorobutadiene	7.55	225	125571	53.37	ng		100
37) 2-Methylnaphthalene	8.26	142	3140390	292.05	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.45	216	203740	52.11	ng	#	97
40) Hexachlorocyclopentadiene	8.43	237	30796	16.83	ng		98
42) 2,4,6-Trichlorophenol	8.60	196	148328	53.63	ng		95
43) 2,4,5-Trichlorophenol	8.67	196	124509m	41.60	ng		
45) 1,1'-Biphenyl	8.81	154	708771	61.49	ng		99
46) 2-Chloronaphthalene	8.83	162	301444m	33.41	ng		
47) 2-Nitroaniline	8.97	65	158252	59.12	ng	#	72
48) Acenaphthylene	9.33	152	672812	44.86	ng	#	94
49) Dimethylphthalate	9.19	163	657383	64.71	ng		99
50) 2,6-Dinitrotoluene	9.26	165	108792	46.72	ng	#	67

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	9.55	154	475582	54.35	ng		99
52) 3-Nitroaniline	9.45	138	79822	29.19	ng	#	89
53) 2,4-Dinitrophenol	9.62	184	15568	16.43	ng	#	88
54) Dibenzofuran	9.76	168	641013	53.81	ng	#	88
55) 4-Nitrophenol	9.73	139	204190m	95.35	ng		
56) 2,4-Dinitrotoluene	9.76	165	160146	54.74	ng	#	66
57) Fluorene	10.18	166	612840	62.04	ng	#	97
58) 2,3,4,6-Tetrachlorophenol	9.93	232	88345	43.02	ng	#	75
59) Diethylphthalate	10.06	149	484923	48.30	ng		98
60) 4-Chlorophenyl-phenylether	10.18	204	170388	40.49	ng		92
61) 4-Nitroaniline	10.20	138	102890	39.21	ng		87
62) Azobenzene	10.37	77	383413	40.37	ng	#	75
64) 4,6-Dinitro-2-methylphenol	10.26	198	21960	12.76	ng	#	1
65) n-Nitrosodiphenylamine	10.33	169	898748	92.48	ng	#	84
66) 4-Bromophenyl-phenylether	10.77	248	117469	42.50	ng	#	90
67) Hexachlorobenzene	10.86	284	107136	38.29	ng	#	80
68) Atrazine	11.01	200	103595	35.59	ng		95
69) Pentachlorophenol	11.11	266	122663	70.44	ng		98
70) Phenanthrene	11.35	178	1169238	74.80	ng		99
71) Anthracene	11.42	178	781571	48.56	ng		97
72) Carbazole	11.62	167	621079	37.63	ng		99
73) Di-n-butylphthalate	12.06	149	653569	38.08	ng		100
74) Fluoranthene	12.82	202	709780	44.34	ng		99
77) Pyrene	13.10	202	525424	29.04	ng		100
79) Butylbenzylphthalate	13.91	149	290923	37.74	ng	#	69
80) Benzo(a)anthracene	14.57	228	576041	39.62	ng		99
81) 3,3'-Dichlorobenzidine	14.56	252	33693	6.48	ng	#	94
82) Chrysene	14.62	228	519731	38.52	ng		98
83) Bis(2-ethylhexyl)phthalate	14.64	149	425112	40.42	ng	#	95
84) Di-n-octyl phthalate	15.38	149	731288	41.62	ng		100
85) Indeno(1,2,3-cd)pyrene	17.52	276	455399	38.98	ng		99
87) Benzo(b)fluoranthene	15.81	252	539329	42.19	ng		99
88) Benzo(k)fluoranthene	15.84	252	470178m	37.59	ng		
89) Benzo(a)pyrene	16.15	252	468679	39.82	ng		98
90) Dibenzo(a,h)anthracene	17.54	278	371403	37.26	ng		98
91) Benzo(g,h,i)perylene	17.91	276	372024	37.03	ng		97

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

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