Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092834.D
Acq On : 7 Feb 2017 18:01
Operator : SJ/MA
Sample : PB96777BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96777BS

Manual Integrations APPROVED
mohammad
2/8/2017 10:43:07 AM

Quant Time: Feb 08 00:09:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 23:52:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	154344	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	600931	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	286572	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	390052	20.00	ng		0.00
75) Chrysene-d12	14.08	240	295908	20.00	ng		0.00
86) Perylene-d12	15.53	264	260952	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	845843	94.02	ng		0.01
7) Phenol-d6	6.56	99	1201303	103.78	ng		0.01
23) Nitrobenzene-d5	7.47	82	775194	71.84	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	198887	95.96	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1195910	75.60	ng		0.00
78) Terphenyl-d14	13.01	244	823303	65.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	110242	22.68	ng	#	82
3) Pyridine	3.30	79	322524	26.09	ng		87
4) n-Nitrosodimethylamine	3.24	42	177543	30.59	ng		87
6) Aniline	6.57	93	302485	19.16	ng		93
8) 2-Chlorophenol	6.69	128	333835	33.64	ng		98
9) Benzaldehyde	6.45	77	132129	15.93	ng		99
10) Phenol	6.57	94	402995	29.76	ng		87
11) bis(2-Chloroethyl)ether	6.65	93	342435	31.68	ng		97
12) 1,3-Dichlorobenzene	6.84	146	359806m	30.95	ng		
13) 1,4-Dichlorobenzene	6.92	146	409721	34.82	ng		98
14) 1,2-Dichlorobenzene	7.08	146	399298	35.49	ng		95
15) Benzyl Alcohol	7.05	79	312084	36.42	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	694283	36.97	ng		92
17) 2-Methylphenol	7.17	107	329000	38.64	ng		96
18) Hexachloroethane	7.41	117	130515	32.50	ng	#	81
19) n-Nitroso-di-n-propylamine	7.32	70	276325	37.50	ng		96
20) 3+4-Methylphenols	7.32	107	374080	36.75	ng	#	88
22) Acetophenone	7.32	105	509889	37.16	ng	#	91
24) Nitrobenzene	7.49	77	442010	39.89	ng		94
25) Isophorone	7.73	82	787122	39.14	ng		99
26) 2-Nitrophenol	7.81	139	203515	38.64	ng	#	82
27) 2,4-Dimethylphenol	7.85	122	339906	36.74	ng		100
28) bis(2-Chloroethoxy)methane	7.94	93	459891	34.53	ng		97
29) 2,4-Dichlorophenol	8.05	162	319191	37.00	ng		89
30) 1,2,4-Trichlorobenzene	8.13	180	331826	35.69	ng		94
31) Naphthalene	8.21	128	994955	32.66	ng		99
32) Benzoic acid	7.96	122	166073	34.12	ng		98
33) 4-Chloroaniline	8.27	127	130076	10.89	ng		95
34) Hexachlorobutadiene	8.33	225	174261	34.07	ng		100
35) Caprolactam	8.62	113	98189	36.18	ng	#	24
36) 4-Chloro-3-methylphenol	8.75	107	326357	36.28	ng		96
37) 2-Methylnaphthalene	8.91	142	727568	37.20	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	298654	37.13	ng		100
40) Hexachlorocyclopentadiene	9.06	237	63590	17.52	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	190739	36.09	ng		93
43) 2,4,5-Trichlorophenol	9.23	196	202484	34.96	ng	#	89
45) 1,1'-Biphenyl	9.37	154	704098	33.93	ng		97
46) 2-Chloronaphthalene	9.39	162	555337	34.21	ng		95
47) 2-Nitroaniline	9.49	65	200884	36.81	ng		95
48) Acenaphthylene	9.81	152	951512	33.93	ng		98
49) Dimethylphthalate	9.68	163	716249	37.11	ng		98
50) 2,6-Dinitrotoluene	9.73	165	145306	34.86	ng	#	91
51) Acenaphthene	9.98	154	573049	34.18	ng		97
52) 3-Nitroaniline	9.90	138	104386	21.88	ng	#	79
53) 2,4-Dinitrophenol	10.01	184	32283	19.06	ng	#	50
54) Dibenzofuran	10.16	168	818073	36.48	ng		93
55) 4-Nitrophenol	10.08	139	203112	59.11	ng		92
56) 2,4-Dinitrotoluene	10.14	165	177372	31.96	ng	#	72
57) Fluorene	10.50	166	619877	35.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	140422	36.35	ng		95
59) Diethylphthalate	10.37	149	696126	38.27	ng		94
60) 4-Chlorophenyl-phenylether	10.49	204	287511	34.69	ng		89
61) 4-Nitroaniline	10.51	138	136778	27.99	ng		92
62) Azobenzene	10.65	77	683523	36.37	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	33442	15.97	ng	#	62
65) n-Nitrosodiphenylamine	10.60	169	505762	40.59	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	167987	41.22	ng	#	88
67) Hexachlorobenzene	11.05	284	154995	38.49	ng		96
68) Atrazine	11.14	200	172722	43.20	ng		93
69) Pentachlorophenol	11.24	266	137163	67.24	ng		98
70) Phenanthrene	11.46	178	767226	34.33	ng		99
71) Anthracene	11.50	178	776371	34.60	ng		98
72) Carbazole	11.66	167	655761	30.57	ng		99
73) Di-n-butylphthalate	12.00	149	1004660	43.31	ng	#	96
74) Fluoranthene	12.65	202	708356	30.73	ng		95
76) Benzidine	12.77	184	389680	30.90	ng		96
77) Pyrene	12.88	202	711958	32.15	ng		99
79) Butylbenzylphthalate	13.49	149	339944	37.80	ng	#	84
80) Benzo(a)anthracene	14.07	228	649782	35.90	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	215843	33.46	ng	#	95
82) Chrysene	14.10	228	517739	30.55	ng		98
83) Bis(2-ethylhexyl)phthalate	14.05	149	478266	38.89	ng	#	94
84) Di-n-octyl phthalate	14.66	149	804785	40.19	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	481395	36.68	ng		96
87) Benzo(b)fluoranthene	15.11	252	578833	33.70	ng		99
88) Benzo(k)fluoranthene	15.14	252	569012m	38.37	ng		
89) Benzo(a)pyrene	15.47	252	534238	35.96	ng	#	96
90) Dibenzo(a,h)anthracene	16.98	278	415960	34.64	ng	#	95
91) Benzo(g,h,i)perylene	17.40	276	386064	31.83	ng	#	91

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

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