Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093213.D
Acq On : 27 Feb 2017 19:12
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/28/2017 2:34:51 PM

Quant Time: Feb 28 00:09:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	156569	20.00	ng		-0.03
21) Naphthalene-d8	8.11	136	621357	20.00	ng		-0.03
38) Acenaphthene-d10	9.86	164	324285	20.00	ng		-0.03
63) Phenanthrene-d10	11.34	188	523813	20.00	ng		-0.03
75) Chrysene-d12	13.99	240	386303	20.00	ng		-0.03
86) Perylene-d12	15.41	264	288747	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	729659	79.95	ng		-0.03
7) Phenol-d6	6.48	99	960573	81.80	ng		-0.01
23) Nitrobenzene-d5	7.39	82	852378	76.39	ng		-0.03
41) 2,4,6-Tribromophenol	10.66	330	188635	80.43	ng		-0.02
44) 2-Fluorobiphenyl	9.18	172	1397300	78.06	ng		-0.03
78) Terphenyl-d14	12.93	244	1299337	79.03	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	196882	39.93	ng		87
3) Pyridine	3.07	79	485713	38.74	ng		88
4) n-Nitrosodimethylamine	3.02	42	255640	43.42	ng		87
6) Aniline	6.49	93	633420	39.55	ng		85
8) 2-Chlorophenol	6.60	128	402052	39.93	ng		86
9) Benzaldehyde	6.36	77	289724	34.44	ng		88
10) Phenol	6.49	94	595981	43.38	ng		93
11) bis(2-Chloroethyl)ether	6.56	93	424459	38.71	ng		91
12) 1,3-Dichlorobenzene	6.76	146	486466	41.25	ng		98
13) 1,4-Dichlorobenzene	6.83	146	472057	39.55	ng		99
14) 1,2-Dichlorobenzene	6.99	146	472595	41.41	ng		97
15) Benzyl Alcohol	6.97	79	308012	35.43	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	782436	41.07	ng		99
17) 2-Methylphenol	7.09	107	367024	42.49	ng		95
18) Hexachloroethane	7.33	117	166422	40.85	ng	#	86
19) n-Nitroso-di-n-propylamine	7.24	70	311984	41.74	ng		99
20) 3+4-Methylphenols	7.25	107	466480	45.17	ng	#	71
22) Acetophenone	7.24	105	588902	41.51	ng	#	96
24) Nitrobenzene	7.41	77	529490	46.21	ng		90
25) Isophorone	7.65	82	887007	42.66	ng		98
26) 2-Nitrophenol	7.72	139	222906	40.93	ng		91
27) 2,4-Dimethylphenol	7.77	122	337888	35.33	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	526274	38.22	ng		99
29) 2,4-Dichlorophenol	7.97	162	359658	40.32	ng		92
30) 1,2,4-Trichlorobenzene	8.05	180	381552	39.69	ng		99
31) Naphthalene	8.13	128	1231815	39.11	ng		98
32) Benzoic acid	7.92	122	219716	41.66	ng		88
33) 4-Chloroaniline	8.18	127	469863	38.04	ng	#	92
34) Hexachlorobutadiene	8.25	225	201678	38.13	ng		98
35) Caprolactam	8.57	113	110702	39.45	ng	#	36
36) 4-Chloro-3-methylphenol	8.68	107	378773	40.73	ng		88
37) 2-Methylnaphthalene	8.82	142	797730	39.44	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	384057	42.19	ng		99
40) Hexachlorocyclopentadiene	8.97	237	90876	22.13	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	231217	38.66	ng		93
43) 2,4,5-Trichlorophenol	9.15	196	252549	38.54	ng		93
45) 1,1'-Biphenyl	9.29	154	979584	41.72	ng		99
46) 2-Chloronaphthalene	9.31	162	773311	42.10	ng		98
47) 2-Nitroaniline	9.41	65	268302	43.44	ng		99
48) Acenaphthylene	9.72	152	1138545	35.88	ng		99
49) Dimethylphthalate	9.60	163	876277	40.12	ng		99
50) 2,6-Dinitrotoluene	9.65	165	179985	38.16	ng	#	71
51) Acenaphthene	9.89	154	654882	34.52	ng		96
52) 3-Nitroaniline	9.82	138	199177	36.90	ng		94
53) 2,4-Dinitrophenol	9.94	184	102808	45.04	ng	#	61
54) Dibenzofuran	10.06	168	842346	33.19	ng		98
55) 4-Nitrophenol	10.01	139	129146	33.22	ng		88
56) 2,4-Dinitrotoluene	10.06	165	238834	38.03	ng		93
57) Fluorene	10.41	166	753376	38.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	167836	38.39	ng		99
59) Diethylphthalate	10.28	149	802092	38.97	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	346285	36.92	ng		98
61) 4-Nitroaniline	10.44	138	212750	38.48	ng		94
62) Azobenzene	10.56	77	888632	41.79	ng		93
64) 4,6-Dinitro-2-methylphenol	10.48	198	139793	44.08	ng	#	64
65) n-Nitrosodiphenylamine	10.52	169	656658	39.24	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	204050	37.29	ng		94
67) Hexachlorobenzene	10.96	284	202869	37.51	ng	#	78
68) Atrazine	11.06	200	240552	44.80	ng		97
69) Pentachlorophenol	11.16	266	89977	36.53	ng		97
70) Phenanthrene	11.37	178	1147589	38.24	ng		99
71) Anthracene	11.42	178	1187884	39.42	ng		99
72) Carbazole	11.58	167	1104588	38.34	ng		99
73) Di-n-butylphthalate	11.90	149	1267141	40.67	ng		98
74) Fluoranthene	12.56	202	1144595	36.98	ng		96
76) Benzidine	12.68	184	510249	31.00	ng		99
77) Pyrene	12.79	202	1180885	40.85	ng		100
79) Butylbenzylphthalate	13.40	149	493789	42.06	ng		97
80) Benzo(a)anthracene	13.97	228	917193	38.82	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	315826	37.50	ng		97
82) Chrysene	14.02	228	935582	42.29	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	685126	42.67	ng		97
84) Di-n-octyl phthalate	14.58	149	1073160	41.05	ng		99
85) Indeno(1,2,3-cd)pyrene	16.82	276	656770	38.33	ng	#	94
87) Benzo(b)fluoranthene	15.01	252	855783m	45.03	ng		
88) Benzo(k)fluoranthene	15.04	252	578493m	35.25	ng		
89) Benzo(a)pyrene	15.36	252	664186	40.40	ng		98
90) Dibenzo(a,h)anthracene	16.83	278	559344	42.10	ng		98
91) Benzo(g,h,i)perylene	17.24	276	573848	42.75	ng	#	94

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

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