Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093098.D
Acq On : 23 Feb 2017 9:43
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/24/2017 1:35:21 PM

Quant Time: Feb 23 12:27:00 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	6.84	152	188116	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	739393	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	395121	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	607284	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	431640	20.00	ng		-0.02
86) Perylene-d12	15.41	264	350099	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	813322	74.18	ng		-0.02
7) Phenol-d6	6.49	99	1163307	82.46	ng		0.00
23) Nitrobenzene-d5	7.41	82	1006242	75.79	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	231015	80.84	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1745658	80.04	ng		-0.01
78) Terphenyl-d14	12.95	244	1522594	82.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	233001	39.33	ng		87
3) Pyridine	3.10	79	618636	41.06	ng		88
4) n-Nitrosodimethylamine	3.07	42	275067	38.88	ng		86
6) Aniline	6.51	93	798205	41.48	ng	#	43
8) 2-Chlorophenol	6.62	128	486609	40.23	ng		96
9) Benzaldehyde	6.38	77	337921	33.43	ng		92
10) Phenol	6.50	94	709174	42.96	ng		95
11) bis(2-Chloroethyl)ether	6.58	93	487515	37.00	ng		93
12) 1,3-Dichlorobenzene	6.78	146	572762	40.43	ng		99
13) 1,4-Dichlorobenzene	6.85	146	545352	38.03	ng		99
14) 1,2-Dichlorobenzene	7.01	146	557598	40.66	ng		97
15) Benzyl Alcohol	6.99	79	381966	36.57	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	983694	42.98	ng		95
17) 2-Methylphenol	7.10	107	419341	40.41	ng		97
18) Hexachloroethane	7.36	117	193417	39.51	ng	#	82
19) n-Nitroso-di-n-propylamine	7.26	70	332860	37.06	ng		97
20) 3+4-Methylphenols	7.26	107	494364	39.84	ng		99
22) Acetophenone	7.25	105	666325	39.47	ng		95
24) Nitrobenzene	7.44	77	622225	45.64	ng	#	88
25) Isophorone	7.68	82	1030706	41.66	ng		99
26) 2-Nitrophenol	7.74	139	263115	40.60	ng		96
27) 2,4-Dimethylphenol	7.79	122	469807	41.28	ng		95
28) bis(2-Chloroethoxy)methane	7.88	93	653629	39.89	ng		98
29) 2,4-Dichlorophenol	8.00	162	418661	39.44	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	442001	38.64	ng		93
31) Naphthalene	8.14	128	1398464	37.31	ng		100
32) Benzoic acid	7.93	122	272261	43.08	ng		96
33) 4-Chloroaniline	8.20	127	589919	40.13	ng		97
34) Hexachlorobutadiene	8.27	225	231870	36.84	ng		97
35) Caprolactam	8.59	113	142493	42.68	ng	#	44
36) 4-Chloro-3-methylphenol	8.69	107	466038	42.11	ng		91
37) 2-Methylnaphthalene	8.84	142	988734	41.08	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	394857	35.60	ng		99
40) Hexachlorocyclopentadiene	8.99	237	182257	36.42	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	273671	37.55	ng		91
43) 2,4,5-Trichlorophenol	9.16	196	310263	38.85	ng	#	90
45) 1,1'-Biphenyl	9.30	154	1030749	36.03	ng		96
46) 2-Chloronaphthalene	9.32	162	894624	39.97	ng		94
47) 2-Nitroaniline	9.42	65	272560	36.22	ng		98
48) Acenaphthylene	9.74	152	1507678	38.99	ng		98
49) Dimethylphthalate	9.61	163	987712	37.11	ng		99
50) 2,6-Dinitrotoluene	9.68	165	249961	43.49	ng	#	77
51) Acenaphthene	9.92	154	874321	37.82	ng		96
52) 3-Nitroaniline	9.84	138	270386	41.11	ng		95
53) 2,4-Dinitrophenol	9.95	184	104450	38.34	ng	#	81
54) Dibenzofuran	10.09	168	1166629	37.73	ng		90
55) 4-Nitrophenol	10.01	139	176835	37.33	ng		92
56) 2,4-Dinitrotoluene	10.08	165	295785	38.65	ng		95
57) Fluorene	10.43	166	939210	39.48	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.20	232	206584	38.78	ng		100
59) Diethylphthalate	10.30	149	1016901	40.54	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	440083	38.51	ng	#	83
61) 4-Nitroaniline	10.45	138	253304	37.60	ng		94
62) Azobenzene	10.58	77	1111460	42.89	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	169009	45.85	ng		92
65) n-Nitrosodiphenylamine	10.53	169	817367	42.13	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	268761	42.36	ng	#	81
67) Hexachlorobenzene	10.97	284	251681	40.14	ng	#	75
68) Atrazine	11.07	200	282010	45.30	ng		96
69) Pentachlorophenol	11.17	266	137857	45.96	ng		97
70) Phenanthrene	11.39	178	1441146	41.42	ng		98
71) Anthracene	11.44	178	1304702	37.34	ng		99
72) Carbazole	11.60	167	1381702	41.37	ng		99
73) Di-n-butylphthalate	11.93	149	1564309	43.31	ng	#	96
74) Fluoranthene	12.57	202	1251836	34.88	ng		97
76) Benzidine	12.69	184	628089	34.15	ng		98
77) Pyrene	12.80	202	1285941	39.81	ng		99
79) Butylbenzylphthalate	13.41	149	592883	45.20	ng		97
80) Benzo(a)anthracene	13.99	228	954104	36.14	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	376392	40.00	ng	#	97
82) Chrysene	14.02	228	891828	36.08	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	832260	46.39	ng	#	97
84) Di-n-octyl phthalate	14.58	149	1309573	44.83	ng		100
85) Indeno(1,2,3-cd)pyrene	16.82	276	918165	47.96	ng	#	94
87) Benzo(b)fluoranthene	15.01	252	831596	36.09	ng		98
88) Benzo(k)fluoranthene	15.04	252	814813m	40.95	ng		
89) Benzo(a)pyrene	15.37	252	801659	40.22	ng		97
90) Dibenzo(a,h)anthracene	16.83	278	755530m	46.90	ng		
91) Benzo(g,h,i)perylene	17.24	276	826912	50.81	ng	#	90

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

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