Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
Data File : BF088942.D
Acq On : 13 Jul 2016 3:51
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
SOHIL
7/13/2016 9:25:44 AM

Quant Time: Jul 13 05:08:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	70822	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	262466	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	107320	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	165834	20.00	ng		0.00
75) Chrysene-d12	13.84	240	125804	20.00	ng		-0.01
86) Perylene-d12	15.21	264	126398	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	351435	74.37	ng		0.00
7) Phenol-d6	6.35	99	450879	73.84	ng		0.00
23) Nitrobenzene-d5	7.28	82	414549	82.77	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	71600	71.85	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	652357	96.02	ng		0.00
78) Terphenyl-d14	12.80	244	425893	75.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	77429	33.05	ng	#	32
3) Pyridine	2.86	79	228097	33.55	ng		93
4) n-Nitrosodimethylamine	2.81	42	88959	34.25	ng		96
6) Aniline	6.36	93	283114	31.82	ng	#	60
8) 2-Chlorophenol	6.49	128	187390	36.90	ng		100
9) Benzaldehyde	6.25	77	137837	33.33	ng		96
10) Phenol	6.38	94	261192	37.48	ng		84
11) bis(2-Chloroethyl)ether	6.44	93	176417	33.95	ng		91
12) 1,3-Dichlorobenzene	6.65	146	214685m	38.41	ng		
13) 1,4-Dichlorobenzene	6.72	146	205382	37.02	ng		94
14) 1,2-Dichlorobenzene	6.88	146	217673m	41.92	ng		
15) Benzyl Alcohol	6.86	79	158193	35.20	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	212388	28.22	ng		83
17) 2-Methylphenol	6.98	107	157909	38.11	ng	#	93
18) Hexachloroethane	7.22	117	78729	36.69	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	134087	32.69	ng		93
20) 3+4-Methylphenols	7.13	107	193826	38.98	ng	#	83
22) Acetophenone	7.12	105	279590	43.89	ng	#	91
24) Nitrobenzene	7.29	77	190013	37.63	ng	#	79
25) Isophorone	7.54	82	365929	39.44	ng		98
26) 2-Nitrophenol	7.61	139	95312	46.03	ng		95
27) 2,4-Dimethylphenol	7.67	122	167644	38.87	ng		94
28) bis(2-Chloroethoxy)methane	7.76	93	233785	38.72	ng		98
29) 2,4-Dichlorophenol	7.86	162	150757	43.25	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	168670	44.09	ng		98
31) Naphthalene	8.01	128	527049	40.73	ng		100
32) Benzoic acid	7.78	122	86206	27.53	ng		88
33) 4-Chloroaniline	8.07	127	216462	37.60	ng		96
34) Hexachlorobutadiene	8.14	225	92038	44.94	ng		99
35) Caprolactam	8.44	113	37635	31.79	ng		94
36) 4-Chloro-3-methylphenol	8.56	107	152888	37.09	ng		90
37) 2-Methylnaphthalene	8.71	142	360056	43.22	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	172188	48.24	ng	#	1
40) Hexachlorocyclopentadiene	8.87	237	21840	12.47	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	93833	39.87	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	84984	41.97	ng	#	84
45) 1,1'-Biphenyl	9.18	154	411356	46.29	ng		95
46) 2-Chloronaphthalene	9.19	162	300238	43.04	ng		94
47) 2-Nitroaniline	9.29	65	105248	42.51	ng		96
48) Acenaphthylene	9.60	152	451238	40.65	ng		100
49) Dimethylphthalate	9.47	163	317479	41.52	ng		100
50) 2,6-Dinitrotoluene	9.53	165	64142	37.85	ng	#	32
51) Acenaphthene	9.78	154	272899	40.11	ng		98
52) 3-Nitroaniline	9.70	138	88781	41.21	ng		97
53) 2,4-Dinitrophenol	9.80	184	8882	11.87	ng		89
54) Dibenzofuran	9.94	168	331105	37.18	ng	#	85
55) 4-Nitrophenol	9.87	139	56786	34.69	ng	#	85
56) 2,4-Dinitrotoluene	9.93	165	79326	35.80	ng	#	44
57) Fluorene	10.28	166	260076	37.89	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	60451	38.59	ng	#	48
59) Diethylphthalate	10.17	149	331733	43.23	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	144082	45.18	ng		98
61) 4-Nitroaniline	10.31	138	74384	35.88	ng		81
62) Azobenzene	10.44	77	334629	38.23	ng		94
64) 4,6-Dinitro-2-methylphenol	10.34	198	18341	20.68	ng	#	75
65) n-Nitrosodiphenylamine	10.40	169	238391	42.47	ng		100
66) 4-Bromophenyl-phenylether	10.77	248	74647	44.67	ng	#	65
67) Hexachlorobenzene	10.83	284	78029	42.18	ng		99
68) Atrazine	10.94	200	78427	44.84	ng		97
69) Pentachlorophenol	11.03	266	40054	36.58	ng		97
70) Phenanthrene	11.25	178	385422	42.52	ng		98
71) Anthracene	11.29	178	348751	38.69	ng		99
72) Carbazole	11.45	167	349147	41.16	ng		99
73) Di-n-butylphthalate	11.79	149	468753	47.50	ng		98
74) Fluoranthene	12.42	202	370348	40.30	ng		98
76) Benzidine	12.55	184	259728	40.85	ng		98
77) Pyrene	12.65	202	390193	36.58	ng		98
79) Butylbenzylphthalate	13.28	149	181299	38.10	ng		95
80) Benzo(a)anthracene	13.83	228	319428	39.43	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	131289	43.11	ng		99
82) Chrysene	13.87	228	323344	40.34	ng		98
83) Bis(2-ethylhexyl)phthalate	13.84	149	235708	43.39	ng		98
84) Di-n-octyl phthalate	14.45	149	412623	44.71	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.50	276	257776	41.81	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	292842m	36.93	ng		
88) Benzo(k)fluoranthene	14.87	252	305269m	44.23	ng		
89) Benzo(a)pyrene	15.15	252	271855	40.49	ng		100
90) Dibenzo(a,h)anthracene	16.51	278	226839	40.46	ng		97
91) Benzo(g,h,i)perylene	16.89	276	210464	36.28	ng		94

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

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