Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088674.D
Acq On : 4 Jul 2016 4:11
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
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7/5/2016 7:51:21 PM

Quant Time: Jul 04 07:01:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	115291	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	461153	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	212058	20.00	ng		-0.03
63) Phenanthrene-d10	11.30	188	415417	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	247778	20.00	ng		-0.03
86) Perylene-d12	15.31	264	220938	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	546027	70.98	ng		-0.03
7) Phenol-d6	6.42	99	723815	72.82	ng		-0.02
23) Nitrobenzene-d5	7.35	82	717716	81.56	ng		-0.03
41) 2,4,6-Tribromophenol	10.60	330	158972	80.73	ng		-0.03
44) 2-Fluorobiphenyl	9.15	172	1191385	88.74	ng		-0.02
78) Terphenyl-d14	12.88	244	901010	80.99	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	136962	35.91	ng	#	36
3) Pyridine	3.00	79	401963	36.32	ng		92
4) n-Nitrosodimethylamine	2.96	42	145338	34.38	ng		85
6) Aniline	6.44	93	516853	35.68	ng		95
8) 2-Chlorophenol	6.57	128	331940	40.15	ng		92
9) Benzaldehyde	6.33	77	236232	35.09	ng		94
10) Phenol	6.43	94	415352	36.61	ng		73
11) bis(2-Chloroethyl)ether	6.52	93	317447	37.52	ng		91
12) 1,3-Dichlorobenzene	6.73	146	342849m	37.68	ng		
13) 1,4-Dichlorobenzene	6.80	146	330193	36.56	ng		94
14) 1,2-Dichlorobenzene	6.96	146	341858m	40.44	ng		
15) Benzyl Alcohol	6.92	79	267473	36.56	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	427666	34.91	ng		91
17) 2-Methylphenol	7.05	107	269501	39.96	ng		99
18) Hexachloroethane	7.30	117	138153	39.55	ng		92
19) n-Nitroso-di-n-propylamine	7.21	70	258194	38.67	ng		89
20) 3+4-Methylphenols	7.20	107	279827	34.57	ng	#	68
22) Acetophenone	7.20	105	417512	37.30	ng	#	86
24) Nitrobenzene	7.37	77	366185	41.27	ng	#	84
25) Isophorone	7.61	82	621796	38.15	ng		95
26) 2-Nitrophenol	7.69	139	175184	48.15	ng	#	84
27) 2,4-Dimethylphenol	7.74	122	312587	41.25	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	412325	38.87	ng	#	96
29) 2,4-Dichlorophenol	7.93	162	259409	42.36	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	267056	39.74	ng		98
31) Naphthalene	8.09	128	863776	37.99	ng		100
32) Benzoic acid	7.86	122	219636	39.92	ng		92
33) 4-Chloroaniline	8.15	127	447711	44.26	ng	#	94
34) Hexachlorobutadiene	8.22	225	151418	42.08	ng		99
35) Caprolactam	8.51	113	84490	40.62	ng		99
36) 4-Chloro-3-methylphenol	8.63	107	320157	44.21	ng		98
37) 2-Methylnaphthalene	8.79	142	609670	41.65	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	271826	38.54	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	125656	36.30	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	200536	43.12	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	167221	41.79	ng	#	86
45) 1,1'-Biphenyl	9.24	154	667518	38.01	ng		97
46) 2-Chloronaphthalene	9.27	162	533925	38.73	ng		97
47) 2-Nitroaniline	9.36	65	183282	37.46	ng		95
48) Acenaphthylene	9.68	152	833552	38.00	ng		100
49) Dimethylphthalate	9.55	163	670759	44.40	ng		99
50) 2,6-Dinitrotoluene	9.61	165	160583	47.96	ng	#	83
51) Acenaphthene	9.85	154	545936	40.61	ng		100
52) 3-Nitroaniline	9.77	138	160228	37.64	ng		88
53) 2,4-Dinitrophenol	9.87	184	58123	39.31	ng	#	87
54) Dibenzofuran	10.02	168	671860	38.18	ng	#	86
55) 4-Nitrophenol	9.93	139	120691	37.31	ng		92
56) 2,4-Dinitrotoluene	10.01	165	214768	49.06	ng		91
57) Fluorene	10.36	166	493070	36.36	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	137079	44.28	ng	#	55
59) Diethylphthalate	10.25	149	652791	43.05	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	270842	42.98	ng		93
61) 4-Nitroaniline	10.39	138	188091	45.92	ng		92
62) Azobenzene	10.52	77	717415	41.48	ng		91
64) 4,6-Dinitro-2-methylphenol	10.41	198	81293	36.59	ng		87
65) n-Nitrosodiphenylamine	10.48	169	510961	36.34	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	158469	37.85	ng	#	73
67) Hexachlorobenzene	10.91	284	187225	40.40	ng	#	91
68) Atrazine	11.00	200	153957	35.14	ng		90
69) Pentachlorophenol	11.11	266	114582	41.78	ng		98
70) Phenanthrene	11.32	178	918721	40.46	ng		99
71) Anthracene	11.37	178	797833	35.33	ng		99
72) Carbazole	11.53	167	865061	40.71	ng		99
73) Di-n-butylphthalate	11.86	149	955859	38.67	ng	#	99
74) Fluoranthene	12.50	202	846224	36.76	ng		98
76) Benzidine	12.63	184	506389	40.43	ng		100
77) Pyrene	12.73	202	896848	42.69	ng		99
79) Butylbenzylphthalate	13.36	149	418188	44.62	ng		94
80) Benzo(a)anthracene	13.91	228	632648	39.65	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	243384	40.57	ng	#	99
82) Chrysene	13.95	228	666802	42.24	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	493034	46.08	ng		99
84) Di-n-octyl phthalate	14.53	149	835423	45.96	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	487714	40.16	ng	#	100
87) Benzo(b)fluoranthene	14.93	252	565626m	40.81	ng		
88) Benzo(k)fluoranthene	14.95	252	422995m	35.06	ng		
89) Benzo(a)pyrene	15.26	252	460308	39.23	ng		96
90) Dibenzo(a,h)anthracene	16.66	278	421414	43.01	ng		99
91) Benzo(g,h,i)perylene	17.05	276	467995	46.15	ng		94

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

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