Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062816\
Data File : BF088485.D
Acq On : 28 Jun 2016 18:04
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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6/29/2016 4:40:45 PM

Quant Time: Jun 29 01:36:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 28 05:25:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	85035	20.00	ng		-0.02
21) Naphthalene-d8	7.80	136	358322	20.00	ng		-0.03
38) Acenaphthene-d10	9.55	164	162325	20.00	ng		-0.03
63) Phenanthrene-d10	11.04	188	294202	20.00	ng		-0.02
75) Chrysene-d12	13.67	240	233878	20.00	ng		-0.02
86) Perylene-d12	15.02	264	191204	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	446076	89.68	ng		-0.03
7) Phenol-d6	6.19	99	484502	80.37	ng		-0.03
23) Nitrobenzene-d5	7.11	82	468485	76.35	ng		-0.02
41) 2,4,6-Tribromophenol	10.35	330	122554	71.50	ng		-0.02
44) 2-Fluorobiphenyl	8.89	172	888512	86.06	ng		-0.03
78) Terphenyl-d14	12.62	244	756388	73.59	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	94185	38.97	ng	#	46
3) Pyridine	2.55	79	210588	36.90	ng		88
4) n-Nitrosodimethylamine	2.52	42	77314	31.99	ng	#	72
6) Aniline	6.19	93	326992	38.11	ng	#	80
8) 2-Chlorophenol	6.31	128	254522	43.23	ng		93
9) Benzaldehyde	6.08	77	77539	16.26	ng		99
10) Phenol	6.20	94	319166	51.65	ng		83
11) bis(2-Chloroethyl)ether	6.27	93	253903	48.03	ng	#	82
12) 1,3-Dichlorobenzene	6.46	146	274453	43.45	ng		96
13) 1,4-Dichlorobenzene	6.54	146	288243	45.30	ng		98
14) 1,2-Dichlorobenzene	6.68	146	253893m	43.87	ng		
15) Benzyl Alcohol	6.70	79	180268	38.22	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.82	45	238157	33.35	ng	#	20
17) 2-Methylphenol	6.81	107	184508	38.64	ng	#	85
18) Hexachloroethane	7.03	117	102239	45.28	ng		95
19) n-Nitroso-di-n-propylamine	6.96	70	156740	40.64	ng	#	86
20) 3+4-Methylphenols	6.97	107	247916	44.50	ng	#	82
22) Acetophenone	6.95	105	333812	41.69	ng	#	96
24) Nitrobenzene	7.12	77	232538	39.12	ng		89
25) Isophorone	7.37	82	439339	38.65	ng		94
26) 2-Nitrophenol	7.44	139	142381	44.72	ng	#	82
27) 2,4-Dimethylphenol	7.50	122	221237	37.74	ng		96
28) bis(2-Chloroethoxy)methane	7.58	93	274242	38.90	ng	#	96
29) 2,4-Dichlorophenol	7.69	162	217388	44.41	ng		96
30) 1,2,4-Trichlorobenzene	7.76	180	222023	41.66	ng		99
31) Naphthalene	7.83	128	699864	39.47	ng		99
32) Benzoic acid	7.68	122	82513	25.56	ng		91
33) 4-Chloroaniline	7.90	127	311913	39.39	ng		99
34) Hexachlorobutadiene	7.95	225	118494	42.16	ng		97
35) Caprolactam	8.30	113	57857m	35.68	ng		
36) 4-Chloro-3-methylphenol	8.41	107	200327	38.27	ng		88
37) 2-Methylnaphthalene	8.52	142	491412	42.05	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	205954	51.08	ng	#	1
40) Hexachlorocyclopentadiene	8.67	237	42152	16.10	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	112462	34.64	ng		98
43) 2,4,5-Trichlorophenol	8.87	196	130404	38.61	ng	#	92
45) 1,1'-Biphenyl	8.99	154	600816	50.00	ng		96
46) 2-Chloronaphthalene	9.02	162	462601	44.04	ng		94
47) 2-Nitroaniline	9.13	65	112137	36.19	ng	#	63
48) Acenaphthylene	9.42	152	663380	39.70	ng		100
49) Dimethylphthalate	9.30	163	496299	42.21	ng		99
50) 2,6-Dinitrotoluene	9.37	165	110796	41.14	ng	#	69
51) Acenaphthene	9.59	154	389898	37.41	ng		99
52) 3-Nitroaniline	9.54	138	129529	41.69	ng		91
53) 2,4-Dinitrophenol	9.67	184	51567	40.76	ng		93
54) Dibenzofuran	9.77	168	614671	42.82	ng		95
55) 4-Nitrophenol	9.76	139	115923m	48.07	ng		
56) 2,4-Dinitrotoluene	9.78	165	153934	44.48	ng	#	88
57) Fluorene	10.10	166	445630	46.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	105007	39.57	ng	#	61
59) Diethylphthalate	10.00	149	512635	43.07	ng		99
60) 4-Chlorophenyl-phenylether	10.10	204	214545	44.94	ng		100
61) 4-Nitroaniline	10.16	138	122714	41.63	ng		97
62) Azobenzene	10.26	77	510738	43.39	ng		96
64) 4,6-Dinitro-2-methylphenol	10.19	198	76459	41.92	ng		82
65) n-Nitrosodiphenylamine	10.23	169	414857	42.50	ng		99
66) 4-Bromophenyl-phenylether	10.58	248	128720	40.78	ng	#	74
67) Hexachlorobenzene	10.65	284	131589	40.13	ng		95
68) Atrazine	10.76	200	129461	43.79	ng		94
69) Pentachlorophenol	10.87	266	50651	29.30	ng		96
70) Phenanthrene	11.06	178	673498	43.63	ng		99
71) Anthracene	11.12	178	705063	45.28	ng		97
72) Carbazole	11.28	167	648301	44.49	ng		99
73) Di-n-butylphthalate	11.61	149	791011	42.88	ng		99
74) Fluoranthene	12.24	202	653325	40.10	ng		99
76) Benzidine	12.38	184	237054	36.61	ng		99
77) Pyrene	12.47	202	655394	37.76	ng		99
79) Butylbenzylphthalate	13.10	149	333307	43.44	ng		97
80) Benzo(a)anthracene	13.66	228	504945	37.89	ng		98
81) 3,3'-Dichlorobenzidine	13.62	252	183934	51.32	ng	#	97
82) Chrysene	13.69	228	525624	41.92	ng		98
83) Bis(2-ethylhexyl)phthalate	13.66	149	428160	45.84	ng	#	99
84) Di-n-octyl phthalate	14.26	149	705299	46.47	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.24	276	416429	35.75	ng	#	100
87) Benzo(b)fluoranthene	14.66	252	523871m	39.31	ng		
88) Benzo(k)fluoranthene	14.69	252	423675m	42.14	ng		
89) Benzo(a)pyrene	14.96	252	458598	42.53	ng		97
90) Dibenzo(a,h)anthracene	16.24	278	352526	35.20	ng		97
91) Benzo(g,h,i)perylene	16.59	276	336209	32.64	ng		99

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

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