Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087522.D
Acq On : 29 May 2016 21:06
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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5/31/2016 7:40:18 PM

Quant Time: May 31 12:52:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	185010	20.00	ng		-0.05
21) Naphthalene-d8	9.51	136	787560	20.00	ng		-0.05
38) Acenaphthene-d10	12.33	164	367286	20.00	ng		-0.06
63) Phenanthrene-d10	14.74	188	691022	20.00	ng		-0.03
75) Chrysene-d12	18.45	240	494330	20.00	ng		-0.03
86) Perylene-d12	20.13	264	418092	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	964080	91.56	ng		-0.05
7) Phenol-d6	7.04	99	1222464	85.93	ng		-0.03
23) Nitrobenzene-d5	8.41	82	1287200	82.37	ng		-0.03
41) 2,4,6-Tribromophenol	13.63	330	280097	79.36	ng		-0.05
44) 2-Fluorobiphenyl	11.29	172	1889471	72.52	ng		-0.05
78) Terphenyl-d14	17.10	244	1925250	82.80	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	217833	39.21	ng	#	75
3) Pyridine	2.34	79	403900m	33.26	ng		
4) n-Nitrosodimethylamine	2.33	42	408114	43.61	ng	#	45
6) Aniline	6.98	93	812715	44.16	ng		95
8) 2-Chlorophenol	7.16	128	551776	42.02	ng		94
9) Benzaldehyde	6.80	77	322788	41.09	ng		97
10) Phenol	7.06	94	676212	43.53	ng		80
11) bis(2-Chloroethyl)ether	7.12	93	516986	41.11	ng	#	82
12) 1,3-Dichlorobenzene	7.37	146	588855	41.12	ng	#	93
13) 1,4-Dichlorobenzene	7.50	146	609714	41.47	ng	#	93
14) 1,2-Dichlorobenzene	7.74	146	575110	42.29	ng		99
15) Benzyl Alcohol	7.78	79	482104	46.48	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	7.96	45	1119326	39.56	ng		87
17) 2-Methylphenol	8.00	107	442151	42.02	ng	#	88
18) Hexachloroethane	8.24	117	235795	42.99	ng		99
19) n-Nitroso-di-n-propylamine	8.22	70	451160	42.52	ng	#	73
20) 3+4-Methylphenols	8.26	107	563828	44.32	ng	#	60
22) Acetophenone	8.18	105	773603	41.12	ng	#	98
24) Nitrobenzene	8.43	77	664682	40.30	ng		95
25) Isophorone	8.83	82	1149878	41.03	ng	#	98
26) 2-Nitrophenol	8.94	139	275818	40.91	ng	#	70
27) 2,4-Dimethylphenol	9.08	122	490159	41.88	ng		87
28) bis(2-Chloroethoxy)methane	9.20	93	622323	39.42	ng		98
29) 2,4-Dichlorophenol	9.35	162	435193	41.26	ng		94
30) 1,2,4-Trichlorobenzene	9.44	180	478526	39.63	ng		98
31) Naphthalene	9.54	128	1540278	39.03	ng		99
32) Benzoic acid	9.47	122	205763	35.82	ng	#	72
33) 4-Chloroaniline	9.69	127	607052	41.76	ng	#	91
34) Hexachlorobutadiene	9.75	225	287636	39.19	ng		98
35) Caprolactam	10.38	113	132670	43.09	ng	#	61
36) 4-Chloro-3-methylphenol	10.57	107	523465	43.89	ng		92
37) 2-Methylnaphthalene	10.66	142	970590	39.37	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	10.95	216	457665	38.93	ng		98
40) Hexachlorocyclopentadiene	10.90	237	100794	27.83	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.18	196	264968	39.05	ng		94
43) 2,4,5-Trichlorophenol	11.27	196	258435	37.40	ng	#	89
45) 1,1'-Biphenyl	11.44	154	1192567	38.57	ng		96
46) 2-Chloronaphthalene	11.45	162	940591	39.76	ng	#	91
47) 2-Nitroaniline	11.68	65	375548	44.06	ng	#	71
48) Acenaphthylene	12.11	152	1428114	38.13	ng		99
49) Dimethylphthalate	12.00	163	1159990	39.43	ng		100
50) 2,6-Dinitrotoluene	12.10	165	245363	41.39	ng	#	72
51) Acenaphthene	12.39	154	888258	38.58	ng		98
52) 3-Nitroaniline	12.38	138	265266	43.60	ng		99
53) 2,4-Dinitrophenol	12.61	184	57098	23.82	ng	#	76
54) Dibenzofuran	12.69	168	1215537	39.00	ng		98
55) 4-Nitrophenol	12.79	139	98976m	34.10	ng		
56) 2,4-Dinitrotoluene	12.77	165	349741	44.14	ng		95
57) Fluorene	13.23	166	1034453	38.27	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.93	232	205576	38.67	ng		98
59) Diethylphthalate	13.14	149	1118122	39.09	ng		99
60) 4-Chlorophenyl-phenylether	13.26	204	499076	37.87	ng		95
61) 4-Nitroaniline	13.38	138	229422	40.40	ng	#	58
62) Azobenzene	13.52	77	1277374	43.04	ng		86
64) 4,6-Dinitro-2-methylphenol	13.43	198	149886	34.11	ng	#	43
65) n-Nitrosodiphenylamine	13.47	169	874056	39.11	ng		99
66) 4-Bromophenyl-phenylether	14.05	248	300575	39.76	ng	#	89
67) Hexachlorobenzene	14.11	284	308235	38.98	ng	#	70
68) Atrazine	14.40	200	225025	31.59	ng		94
69) Pentachlorophenol	14.49	266	83149	37.40	ng		98
70) Phenanthrene	14.78	178	1486314	38.83	ng		100
71) Anthracene	14.87	178	1576615	40.77	ng		99
72) Carbazole	15.17	167	1350883	40.96	ng		99
73) Di-n-butylphthalate	15.73	149	1654542	38.79	ng	#	98
74) Fluoranthene	16.55	202	1589626	41.42	ng		92
76) Benzidine	16.78	184	613920	48.27	ng		97
77) Pyrene	16.85	202	1454869	40.89	ng		99
79) Butylbenzylphthalate	17.76	149	705568	44.71	ng	#	85
80) Benzo(a)anthracene	18.43	228	1083824	38.55	ng		98
81) 3,3'-Dichlorobenzidine	18.42	252	665350	42.83	ng	#	96
82) Chrysene	18.48	228	1073967	38.48	ng		99
83) Bis(2-ethylhexyl)phthalate	18.49	149	885236	38.45	ng	#	95
84) Di-n-octyl phthalate	19.27	149	1368099	38.96	ng	#	83
85) Indeno(1,2,3-cd)pyrene	21.35	276	1022733	45.72	ng	#	93
87) Benzo(b)fluoranthene	19.71	252	881515m	33.10	ng		
88) Benzo(k)fluoranthene	19.74	252	1018996m	44.45	ng		
89) Benzo(a)pyrene	20.07	252	893504	38.79	ng		97
90) Dibenzo(a,h)anthracene	21.34	278	868939	44.23	ng		97
91) Benzo(g,h,i)perylene	21.69	276	804739	41.52	ng	#	93

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

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