Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087891.D
Acq On : 10 Jun 2016 23:29
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
SOHIL
6/13/2016 7:11:59 PM

Quant Time: Jun 11 03:30:28 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	105471	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	370696	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	161822	20.00	ng		-0.03
63) Phenanthrene-d10	11.33	188	244976	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	195185	20.00	ng		-0.03
86) Perylene-d12	15.36	264	139643	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	514923	83.46	ng		-0.02
7) Phenol-d6	6.46	99	608957	81.44	ng		-0.02
23) Nitrobenzene-d5	7.38	82	497052	78.30	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	104694	61.27	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	764168	73.43	ng		-0.03
78) Terphenyl-d14	12.91	244	707690	82.51	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	112392	37.49	ng	#	35
3) Pyridine	3.07	79	270611	38.23	ng		95
4) n-Nitrosodimethylamine	3.02	42	111265	37.12	ng		89
6) Aniline	6.48	93	411287	38.65	ng		97
8) 2-Chlorophenol	6.60	128	275610	37.74	ng	#	79
9) Benzaldehyde	6.35	77	175053	36.40	ng		89
10) Phenol	6.47	94	359118	46.61	ng	#	72
11) bis(2-Chloroethyl)ether	6.56	93	262967	40.11	ng	#	81
12) 1,3-Dichlorobenzene	6.75	146	297744	38.00	ng		98
13) 1,4-Dichlorobenzene	6.83	146	324258	41.08	ng		98
14) 1,2-Dichlorobenzene	6.99	146	264167	36.80	ng		98
15) Benzyl Alcohol	6.96	79	199023	34.02	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	333584	37.66	ng		96
17) 2-Methylphenol	7.07	107	212846	35.94	ng		99
18) Hexachloroethane	7.32	117	75740	27.04	ng	#	80
19) n-Nitroso-di-n-propylamine	7.23	70	160751	33.61	ng		94
20) 3+4-Methylphenols	7.23	107	242544	35.10	ng	#	82
22) Acetophenone	7.23	105	366273	44.21	ng	#	93
24) Nitrobenzene	7.40	77	300127	48.81	ng		97
25) Isophorone	7.64	82	484015	41.16	ng		98
26) 2-Nitrophenol	7.71	139	71821	21.80	ng		97
27) 2,4-Dimethylphenol	7.76	122	210771	34.75	ng		92
28) bis(2-Chloroethoxy)methane	7.86	93	310147	42.53	ng		99
29) 2,4-Dichlorophenol	7.96	162	199313	39.36	ng		95
30) 1,2,4-Trichlorobenzene	8.04	180	211390	38.34	ng		99
31) Naphthalene	8.12	128	668397	36.44	ng		100
32) Benzoic acid	7.86	122	95811	28.69	ng		90
33) 4-Chloroaniline	8.17	127	277473	33.87	ng		98
34) Hexachlorobutadiene	8.25	225	111934	38.49	ng		98
35) Caprolactam	8.55	113	56926	33.94	ng		90
36) 4-Chloro-3-methylphenol	8.66	107	173907	32.11	ng	#	79
37) 2-Methylnaphthalene	8.81	142	415356	34.35	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	200507	49.13	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	7331	2.81	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	109031	33.69	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	108272	32.16	ng	#	92
45) 1,1'-Biphenyl	9.28	154	549254	45.25	ng		97
46) 2-Chloronaphthalene	9.30	162	399296	38.13	ng		97
47) 2-Nitroaniline	9.39	65	105311	34.09	ng		94
48) Acenaphthylene	9.71	152	639931	38.42	ng		100
49) Dimethylphthalate	9.58	163	451827	38.54	ng		99
50) 2,6-Dinitrotoluene	9.63	165	82576	30.76	ng	#	57
51) Acenaphthene	9.88	154	369651	35.57	ng		98
52) 3-Nitroaniline	9.80	138	129329	41.75	ng		91
53) 2,4-Dinitrophenol	9.91	184	1069	3.99	ng	#	83
54) Dibenzofuran	10.06	168	569392	39.79	ng		94
55) 4-Nitrophenol	9.96	139	76876	31.97	ng	#	81
56) 2,4-Dinitrotoluene	10.03	165	88388	25.62	ng	#	54
57) Fluorene	10.40	166	417773	42.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	83192	31.44	ng	#	53
59) Diethylphthalate	10.27	149	466069	39.28	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	176361	37.06	ng		93
61) 4-Nitroaniline	10.41	138	109993	37.43	ng		98
62) Azobenzene	10.55	77	385037	32.81	ng		96
64) 4,6-Dinitro-2-methylphenol	10.44	198	2315	3.61	ng	#	71
65) n-Nitrosodiphenylamine	10.51	169	370677	45.60	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	118340	45.03	ng		93
67) Hexachlorobenzene	10.95	284	116384	42.62	ng	#	73
68) Atrazine	11.04	200	96359	39.15	ng		98
69) Pentachlorophenol	11.13	266	55534	38.58	ng		96
70) Phenanthrene	11.35	178	520795	40.51	ng		99
71) Anthracene	11.41	178	545208	42.05	ng		99
72) Carbazole	11.57	167	520559	42.90	ng		97
73) Di-n-butylphthalate	11.90	149	675150	43.95	ng		99
74) Fluoranthene	12.54	202	549335	40.49	ng		98
76) Benzidine	12.66	184	343024	63.47	ng		98
77) Pyrene	12.77	202	576875	39.83	ng		99
79) Butylbenzylphthalate	13.38	149	258927	40.43	ng	#	81
80) Benzo(a)anthracene	13.94	228	458219	41.20	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	151593	50.68	ng	#	95
82) Chrysene	13.99	228	462959	44.24	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	351968	45.15	ng		99
84) Di-n-octyl phthalate	14.56	149	596905	47.12	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.73	276	349801	35.98	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	443422m	45.56	ng		
88) Benzo(k)fluoranthene	14.99	252	272264m	37.08	ng		
89) Benzo(a)pyrene	15.30	252	311794	39.60	ng		99
90) Dibenzo(a,h)anthracene	16.74	278	294151	40.22	ng		99
91) Benzo(g,h,i)perylene	17.13	276	290105	38.56	ng		98

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

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