Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087600.D
Acq On : 1 Jun 2016 2:01
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
6/1/2016 6:34:17 PM

Quant Time: Jun 01 04:21:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 01 03:17:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	170220	20.00	ng		0.00
21) Naphthalene-d8	9.47	136	689237	20.00	ng		0.00
38) Acenaphthene-d10	12.31	164	335763	20.00	ng		0.00
63) Phenanthrene-d10	14.71	188	625506	20.00	ng		0.00
75) Chrysene-d12	18.42	240	515601	20.00	ng		0.00
86) Perylene-d12	20.11	264	366960	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	794218	81.99	ng		0.00
7) Phenol-d6	7.02	99	1065767	81.42	ng		0.00
23) Nitrobenzene-d5	8.38	82	1118892	81.82	ng		0.00
41) 2,4,6-Tribromophenol	13.61	330	256750	79.57	ng		0.00
44) 2-Fluorobiphenyl	11.26	172	1697288	71.26	ng		0.00
78) Terphenyl-d14	17.06	244	1764019	72.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	171492	33.55	ng	#	71
3) Pyridine	2.32	79	399673m	35.77	ng		
4) n-Nitrosodimethylamine	2.30	42	353286	41.03	ng	#	44
6) Aniline	6.96	93	694550	41.02	ng		93
8) 2-Chlorophenol	7.13	128	483994	40.06	ng		88
9) Benzaldehyde	6.78	77	247283	34.22	ng		96
10) Phenol	7.04	94	576964	40.37	ng		80
11) bis(2-Chloroethyl)ether	7.10	93	457069	39.51	ng		88
12) 1,3-Dichlorobenzene	7.34	146	508755	38.61	ng	#	90
13) 1,4-Dichlorobenzene	7.47	146	525453	38.84	ng		96
14) 1,2-Dichlorobenzene	7.70	146	499980	39.96	ng		97
15) Benzyl Alcohol	7.76	79	398524	41.76	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.93	45	970159	37.27	ng		87
17) 2-Methylphenol	7.98	107	392050	40.49	ng	#	88
18) Hexachloroethane	8.20	117	204459	40.52	ng		99
19) n-Nitroso-di-n-propylamine	8.18	70	384746	39.41	ng	#	71
20) 3+4-Methylphenols	8.24	107	508517	43.45	ng	#	59
22) Acetophenone	8.15	105	679008	41.24	ng	#	97
24) Nitrobenzene	8.41	77	592046	41.01	ng		94
25) Isophorone	8.80	82	1003290	40.91	ng	#	98
26) 2-Nitrophenol	8.91	139	241468	40.92	ng	#	81
27) 2,4-Dimethylphenol	9.06	122	413566	40.37	ng		88
28) bis(2-Chloroethoxy)methane	9.18	93	552303	39.98	ng		98
29) 2,4-Dichlorophenol	9.34	162	399841	43.31	ng		96
30) 1,2,4-Trichlorobenzene	9.40	180	411405	38.93	ng		97
31) Naphthalene	9.51	128	1351136	39.12	ng		99
32) Benzoic acid	9.46	122	215741	41.76	ng	#	73
33) 4-Chloroaniline	9.68	127	503851	39.61	ng	#	91
34) Hexachlorobutadiene	9.71	225	250567	39.00	ng		99
35) Caprolactam	10.34	113	118569m	44.01	ng		
36) 4-Chloro-3-methylphenol	10.55	107	452727	43.38	ng		95
37) 2-Methylnaphthalene	10.64	142	880654	40.82	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	410057	38.15	ng		99
40) Hexachlorocyclopentadiene	10.88	237	75085	24.43	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.15	196	235445	37.95	ng		92
43) 2,4,5-Trichlorophenol	11.24	196	223470	35.37	ng	#	84
45) 1,1'-Biphenyl	11.40	154	1072595	37.94	ng		97
46) 2-Chloronaphthalene	11.43	162	841586	38.91	ng		97
47) 2-Nitroaniline	11.66	65	333059	42.74	ng	#	75
48) Acenaphthylene	12.08	152	1294071	37.79	ng		99
49) Dimethylphthalate	11.96	163	1034613	38.47	ng		100
50) 2,6-Dinitrotoluene	12.07	165	195925	36.15	ng	#	48
51) Acenaphthene	12.35	154	795766	37.81	ng		98
52) 3-Nitroaniline	12.35	138	232370	41.78	ng	#	90
53) 2,4-Dinitrophenol	12.57	184	96637	38.54	ng	#	82
54) Dibenzofuran	12.65	168	1111090	38.99	ng		97
55) 4-Nitrophenol	12.78	139	105776	39.87	ng	#	55
56) 2,4-Dinitrotoluene	12.74	165	307425	42.44	ng		90
57) Fluorene	13.20	166	926870	37.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.89	232	189591	39.01	ng		99
59) Diethylphthalate	13.11	149	1031415	39.44	ng		99
60) 4-Chlorophenyl-phenylether	13.22	204	438964	36.43	ng		97
61) 4-Nitroaniline	13.36	138	166130	32.00	ng	#	61
62) Azobenzene	13.49	77	1157359	42.66	ng		86
64) 4,6-Dinitro-2-methylphenol	13.41	198	156792	39.42	ng	#	70
65) n-Nitrosodiphenylamine	13.45	169	801347	39.61	ng		100
66) 4-Bromophenyl-phenylether	14.01	248	269744	39.42	ng		91
67) Hexachlorobenzene	14.08	284	279088	38.99	ng	#	67
68) Atrazine	14.37	200	134887	20.92	ng		92
69) Pentachlorophenol	14.47	266	67543	34.20	ng		98
70) Phenanthrene	14.75	178	1369811	39.54	ng		99
71) Anthracene	14.83	178	1401855	40.05	ng		100
72) Carbazole	15.13	167	1219751	40.86	ng		98
73) Di-n-butylphthalate	15.69	149	1533550	39.72	ng	#	98
74) Fluoranthene	16.51	202	1442863	41.53	ng		96
76) Benzidine	16.79	184	168018m	12.66	ng		
77) Pyrene	16.82	202	1447788	39.01	ng		100
79) Butylbenzylphthalate	17.73	149	631827	38.39	ng	#	74
80) Benzo(a)anthracene	18.41	228	1137479	38.78	ng		99
81) 3,3'-Dichlorobenzidine	18.39	252	613215	37.85	ng		99
82) Chrysene	18.46	228	1104594	37.95	ng		99
83) Bis(2-ethylhexyl)phthalate	18.47	149	873136	36.36	ng		97
84) Di-n-octyl phthalate	19.23	149	1374293	37.52	ng	#	83
85) Indeno(1,2,3-cd)pyrene	21.31	276	843659	36.16	ng		94
87) Benzo(b)fluoranthene	19.69	252	831445m	35.57	ng		
88) Benzo(k)fluoranthene	19.71	252	1030314m	51.21	ng		
89) Benzo(a)pyrene	20.05	252	807087	39.92	ng		98
90) Dibenzo(a,h)anthracene	21.30	278	698405	40.50	ng	#	95
91) Benzo(g,h,i)perylene	21.68	276	658921	38.73	ng	#	90

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

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