Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087679.D
Acq On : 4 Jun 2016 21:49
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
SOHIL
6/6/2016 7:18:47 PM

Quant Time: Jun 05 01:56:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	113160	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	475206	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	222610	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	394848	20.00	ng		0.00
75) Chrysene-d12	14.02	240	293824	20.00	ng		0.00
86) Perylene-d12	15.44	264	257587	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	608067	86.85	ng		0.00
7) Phenol-d6	6.49	99	737905	84.04	ng		0.00
23) Nitrobenzene-d5	7.43	82	636216	77.46	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	169165	75.70	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1220695	83.77	ng		0.00
78) Terphenyl-d14	12.97	244	989170	82.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	140125	41.41	ng	#	30
3) Pyridine	3.19	79	379328	42.43	ng		98
4) n-Nitrosodimethylamine	3.14	42	149878	39.68	ng		96
6) Aniline	6.52	93	508054	40.82	ng		100
8) 2-Chlorophenol	6.64	128	316416	39.28	ng		99
9) Benzaldehyde	6.40	77	228914	38.56	ng		86
10) Phenol	6.50	94	457535	45.76	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	277152	38.15	ng		98
12) 1,3-Dichlorobenzene	6.80	146	331510	38.43	ng		100
13) 1,4-Dichlorobenzene	6.88	146	355662	41.09	ng		100
14) 1,2-Dichlorobenzene	7.04	146	313727	38.67	ng		99
15) Benzyl Alcohol	7.00	79	260102	40.10	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.14	45	416960	39.36	ng		97
17) 2-Methylphenol	7.11	107	272140	42.07	ng		99
18) Hexachloroethane	7.38	117	127703	42.19	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	209731	38.25	ng		99
20) 3+4-Methylphenols	7.27	107	297725	37.57	ng		98
22) Acetophenone	7.28	105	453816	42.16	ng		99
24) Nitrobenzene	7.45	77	350551	42.65	ng		98
25) Isophorone	7.69	82	599163	40.07	ng		99
26) 2-Nitrophenol	7.76	139	149723	39.20	ng		99
27) 2,4-Dimethylphenol	7.80	122	325748	41.15	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	360807	38.04	ng		97
29) 2,4-Dichlorophenol	8.00	162	254052	39.08	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	277182	40.72	ng		99
31) Naphthalene	8.17	128	914479	39.58	ng		100
32) Benzoic acid	7.92	122	221823	46.45	ng		93
33) 4-Chloroaniline	8.22	127	393918	39.25	ng		99
34) Hexachlorobutadiene	8.30	225	144222	40.75	ng		98
35) Caprolactam	8.59	113	82908	38.82	ng		99
36) 4-Chloro-3-methylphenol	8.70	107	269416	40.06	ng		99
37) 2-Methylnaphthalene	8.86	142	569029	37.29	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	260500	42.46	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	137790	38.18	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	178578	38.54	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	186457	43.24	ng		99
45) 1,1'-Biphenyl	9.32	154	652723	36.13	ng		100
46) 2-Chloronaphthalene	9.35	162	527694	36.69	ng		99
47) 2-Nitroaniline	9.44	65	153850	37.99	ng		98
48) Acenaphthylene	9.76	152	875295	39.03	ng		100
49) Dimethylphthalate	9.63	163	681054	42.08	ng		99
50) 2,6-Dinitrotoluene	9.69	165	160387	43.56	ng		99
51) Acenaphthene	9.94	154	574679	39.83	ng		100
52) 3-Nitroaniline	9.85	138	151154	35.89	ng		100
53) 2,4-Dinitrophenol	9.95	184	71330	44.49	ng		98
54) Dibenzofuran	10.11	168	793782	40.40	ng		100
55) 4-Nitrophenol	10.00	139	122779	34.11	ng		97
56) 2,4-Dinitrotoluene	10.09	165	216300	46.13	ng		98
57) Fluorene	10.44	166	553233	36.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	145563	39.19	ng	#	56
59) Diethylphthalate	10.33	149	646763	39.79	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	252195	41.23	ng		98
61) 4-Nitroaniline	10.47	138	177365	43.81	ng		99
62) Azobenzene	10.60	77	693973	42.42	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	89395	41.04	ng		97
65) n-Nitrosodiphenylamine	10.56	169	490241	37.91	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	170469	43.54	ng		96
67) Hexachlorobenzene	10.99	284	169793	38.78	ng		97
68) Atrazine	11.08	200	146467	38.23	ng		90
69) Pentachlorophenol	11.19	266	115971	44.58	ng		98
70) Phenanthrene	11.40	178	800374	37.39	ng		100
71) Anthracene	11.46	178	909594	42.40	ng		100
72) Carbazole	11.61	167	775850	38.21	ng		99
73) Di-n-butylphthalate	11.95	149	971847	44.64	ng		100
74) Fluoranthene	12.59	202	886175	42.06	ng		99
76) Benzidine	12.72	184	495430	42.76	ng		99
77) Pyrene	12.82	202	920358	43.99	ng		100
79) Butylbenzylphthalate	13.45	149	401270	45.06	ng		93
80) Benzo(a)anthracene	14.00	228	694384	40.95	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	211344	44.18	ng		99
82) Chrysene	14.05	228	737776	43.71	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	499563	47.14	ng	#	98
84) Di-n-octyl phthalate	14.62	149	810890	41.16	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	599704	42.99	ng	#	100
87) Benzo(b)fluoranthene	15.03	252	719000m	42.91	ng		
88) Benzo(k)fluoranthene	15.06	252	501858m	36.00	ng		
89) Benzo(a)pyrene	15.38	252	564420	40.07	ng		99
90) Dibenzo(a,h)anthracene	16.86	278	501005	41.80	ng		99
91) Benzo(g,h,i)perylene	17.26	276	508025	42.01	ng		98

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

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