Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085903.D
Acq On : 31 Mar 2016 1:08
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/31/2016 4:52:37 PM

Quant Time: Mar 31 04:43:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	129908	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	513467	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	230109	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	391072	20.00	ng		0.00
75) Chrysene-d12	13.96	240	243669	20.00	ng		-0.01
86) Perylene-d12	15.37	264	263178	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	636855	81.64	ng		-0.01
7) Phenol-d6	6.45	99	824532	83.14	ng		0.00
23) Nitrobenzene-d5	7.37	82	720591	79.03	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	151761	69.41	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1184097	85.97	ng		0.00
78) Terphenyl-d14	12.90	244	847139	71.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	154274m	41.42	ng		
3) Pyridine	3.04	79	417703	46.78	ng		98
4) n-Nitrosodimethylamine	3.01	42	165054	46.17	ng		99
6) Aniline	6.46	93	518268	38.82	ng	#	37
8) 2-Chlorophenol	6.58	128	376105	41.50	ng		96
9) Benzaldehyde	6.34	77	222681	37.27	ng		99
10) Phenol	6.46	94	489456	43.56	ng		76
11) bis(2-Chloroethyl)ether	6.54	93	341011	39.44	ng		97
12) 1,3-Dichlorobenzene	6.74	146	395217	40.50	ng		99
13) 1,4-Dichlorobenzene	6.81	146	394075	39.81	ng		99
14) 1,2-Dichlorobenzene	6.97	146	383337	41.56	ng		99
15) Benzyl Alcohol	6.95	79	256275	38.73	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	465372	40.56	ng		77
17) 2-Methylphenol	7.06	107	284094	39.16	ng		99
18) Hexachloroethane	7.30	117	143862	39.70	ng	#	76
19) n-Nitroso-di-n-propylamine	7.22	70	225537	37.98	ng		95
20) 3+4-Methylphenols	7.22	107	342381	39.25	ng	#	80
22) Acetophenone	7.21	105	482985	40.38	ng		96
24) Nitrobenzene	7.40	77	402492	42.82	ng	#	81
25) Isophorone	7.64	82	712075	40.54	ng	#	92
26) 2-Nitrophenol	7.70	139	187191	39.81	ng	#	88
27) 2,4-Dimethylphenol	7.75	122	337303	41.04	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	410990	41.07	ng		99
29) 2,4-Dichlorophenol	7.96	162	283541	41.04	ng		94
30) 1,2,4-Trichlorobenzene	8.04	180	315941	41.19	ng		94
31) Naphthalene	8.10	128	1012662	39.14	ng		100
32) Benzoic acid	7.89	122	222308m	40.73	ng		
33) 4-Chloroaniline	8.16	127	400786	37.94	ng	#	94
34) Hexachlorobutadiene	8.23	225	170807	40.97	ng		99
35) Caprolactam	8.55	113	95868	39.17	ng		93
36) 4-Chloro-3-methylphenol	8.65	107	330242	40.92	ng		98
37) 2-Methylnaphthalene	8.80	142	645006	42.09	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	285301	41.81	ng		99
40) Hexachlorocyclopentadiene	8.95	237	25041	16.98	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	192593	41.79	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	184692	38.21	ng		100
45) 1,1'-Biphenyl	9.27	154	827730	42.63	ng		95
46) 2-Chloronaphthalene	9.29	162	621160	43.51	ng		96
47) 2-Nitroaniline	9.40	65	180005	41.23	ng	#	69
48) Acenaphthylene	9.70	152	954607	41.03	ng		100
49) Dimethylphthalate	9.57	163	672088	38.50	ng		100
50) 2,6-Dinitrotoluene	9.64	165	164127	43.68	ng	#	83
51) Acenaphthene	9.88	154	539606	37.97	ng		99
52) 3-Nitroaniline	9.81	138	194788	45.28	ng		85
53) 2,4-Dinitrophenol	9.92	184	18547	15.07	ng	#	78
54) Dibenzofuran	10.05	168	732269	39.81	ng		99
55) 4-Nitrophenol	9.97	139	96693	34.51	ng	#	77
56) 2,4-Dinitrotoluene	10.04	165	168921	35.37	ng	#	47
57) Fluorene	10.39	166	609453	39.86	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	127134	37.85	ng		96
59) Diethylphthalate	10.26	149	658620	38.18	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	273692	36.61	ng		97
61) 4-Nitroaniline	10.41	138	150939	36.69	ng		88
62) Azobenzene	10.54	77	653015	39.40	ng		98
64) 4,6-Dinitro-2-methylphenol	10.45	198	42507	18.56	ng		94
65) n-Nitrosodiphenylamine	10.50	169	558391	45.08	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	174182	43.54	ng		97
67) Hexachlorobenzene	10.94	284	176675	42.22	ng	#	91
68) Atrazine	11.03	200	156657	37.46	ng		98
69) Pentachlorophenol	11.13	266	75586	36.80	ng		98
70) Phenanthrene	11.35	178	857618	42.71	ng		100
71) Anthracene	11.40	178	798407	37.87	ng		99
72) Carbazole	11.56	167	687550	38.85	ng		100
73) Di-n-butylphthalate	11.89	149	1013139	41.72	ng		100
74) Fluoranthene	12.54	202	715733	33.53	ng		89
76) Benzidine	12.66	184	344516	40.15	ng		98
77) Pyrene	12.76	202	705402	35.22	ng		99
79) Butylbenzylphthalate	13.39	149	348674	41.57	ng		97
80) Benzo(a)anthracene	13.95	228	583853	42.02	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	449666	46.63	ng	#	94
82) Chrysene	13.99	228	602195	43.03	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	460293	45.83	ng		99
84) Di-n-octyl phthalate	14.55	149	788267	52.78	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	597526	55.29	ng		99
87) Benzo(b)fluoranthene	14.97	252	613849m	37.02	ng		
88) Benzo(k)fluoranthene	15.01	252	614495m	41.11	ng		
89) Benzo(a)pyrene	15.32	252	581395	39.49	ng		98
90) Dibenzo(a,h)anthracene	16.77	278	511404	37.39	ng		100
91) Benzo(g,h,i)perylene	17.17	276	464165	33.51	ng		98

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

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