Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086089.D
Acq On : 6 Apr 2016 10:52
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/7/2016 8:58:57 AM

Quant Time: Apr 07 01:17:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	106451	20.00	ng		-0.03
21) Naphthalene-d8	8.03	136	447612	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	198836	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	386130	20.00	ng		-0.03
75) Chrysene-d12	13.90	240	307432	20.00	ng		-0.02
86) Perylene-d12	15.30	264	239341	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	554952	89.11	ng		-0.03
7) Phenol-d6	6.40	99	700002	88.49	ng		-0.02
23) Nitrobenzene-d5	7.32	82	651241	85.80	ng		-0.02
41) 2,4,6-Tribromophenol	10.58	330	171219	91.74	ng		-0.02
44) 2-Fluorobiphenyl	9.10	172	1002716	83.85	ng		-0.03
78) Terphenyl-d14	12.85	244	1122671	85.84	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	131889	44.67	ng		99
3) Pyridine	2.94	79	328177	49.65	ng		99
4) n-Nitrosodimethylamine	2.90	42	123061	42.34	ng		96
6) Aniline	6.41	93	428563	41.29	ng	#	52
8) 2-Chlorophenol	6.53	128	316245	42.58	ng		95
9) Benzaldehyde	6.29	77	180303	42.36	ng		94
10) Phenol	6.41	94	407804	45.19	ng	#	68
11) bis(2-Chloroethyl)ether	6.49	93	323615	45.29	ng		98
12) 1,3-Dichlorobenzene	6.68	146	341444	43.38	ng	#	94
13) 1,4-Dichlorobenzene	6.76	146	353492	43.59	ng		96
14) 1,2-Dichlorobenzene	6.91	146	297316	39.83	ng		95
15) Benzyl Alcohol	6.90	79	213462	41.71	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.02	45	373686	42.81	ng		73
17) 2-Methylphenol	7.01	107	242891	41.48	ng		97
18) Hexachloroethane	7.25	117	127248	42.66	ng		91
19) n-Nitroso-di-n-propylamine	7.17	70	199671	40.72	ng		97
20) 3+4-Methylphenols	7.17	107	309151	43.41	ng	#	69
22) Acetophenone	7.16	105	412336	39.19	ng	#	93
24) Nitrobenzene	7.33	77	313959	37.81	ng		99
25) Isophorone	7.57	82	589940	39.37	ng		99
26) 2-Nitrophenol	7.65	139	175751	44.24	ng		97
27) 2,4-Dimethylphenol	7.70	122	298458	41.83	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	371813	42.29	ng		99
29) 2,4-Dichlorophenol	7.90	162	237548	39.38	ng		92
30) 1,2,4-Trichlorobenzene	7.97	180	266281	39.32	ng		99
31) Naphthalene	8.05	128	899615	39.96	ng		100
32) Benzoic acid	7.85	122	207164	39.57	ng		98
33) 4-Chloroaniline	8.11	127	373493	41.07	ng		96
34) Hexachlorobutadiene	8.17	225	137241	37.70	ng		98
35) Caprolactam	8.49	113	81723	42.70	ng		92
36) 4-Chloro-3-methylphenol	8.60	107	278986	41.14	ng		99
37) 2-Methylnaphthalene	8.75	142	545916	37.12	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	239453	40.07	ng		99
40) Hexachlorocyclopentadiene	8.90	237	63247	38.50	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	164463	42.86	ng		98
43) 2,4,5-Trichlorophenol	9.07	196	173216	44.46	ng	#	83
45) 1,1'-Biphenyl	9.21	154	671097	39.14	ng		98
46) 2-Chloronaphthalene	9.23	162	488698	39.32	ng	#	92
47) 2-Nitroaniline	9.33	65	149651	41.16	ng		89
48) Acenaphthylene	9.64	152	789488	39.66	ng		100
49) Dimethylphthalate	9.52	163	628695	42.66	ng		100
50) 2,6-Dinitrotoluene	9.58	165	143240	45.94	ng	#	65
51) Acenaphthene	9.81	154	460807	38.92	ng		99
52) 3-Nitroaniline	9.76	138	161027	42.85	ng	#	72
53) 2,4-Dinitrophenol	9.87	184	58537	38.44	ng	#	71
54) Dibenzofuran	9.98	168	625516	40.00	ng		95
55) 4-Nitrophenol	9.93	139	98150	44.30	ng		96
56) 2,4-Dinitrotoluene	9.98	165	158528	40.24	ng	#	46
57) Fluorene	10.33	166	505913	37.87	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	116079	40.01	ng		97
59) Diethylphthalate	10.21	149	659812	44.36	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	283085	45.50	ng	#	84
61) 4-Nitroaniline	10.36	138	144975	39.17	ng		88
62) Azobenzene	10.49	77	630340	44.24	ng		91
64) 4,6-Dinitro-2-methylphenol	10.40	198	95244	40.70	ng		90
65) n-Nitrosodiphenylamine	10.44	169	458116	37.94	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	154989	39.32	ng	#	80
67) Hexachlorobenzene	10.88	284	164138	40.26	ng	#	69
68) Atrazine	10.98	200	177805	45.57	ng		99
69) Pentachlorophenol	11.08	266	79247	41.48	ng		98
70) Phenanthrene	11.29	178	775338	36.81	ng		100
71) Anthracene	11.34	178	900295	40.80	ng		99
72) Carbazole	11.50	167	798554	42.10	ng		99
73) Di-n-butylphthalate	11.82	149	952289	40.52	ng		99
74) Fluoranthene	12.48	202	843463	38.50	ng		95
76) Benzidine	12.60	184	359550	33.15	ng		99
77) Pyrene	12.70	202	885833	40.89	ng		100
79) Butylbenzylphthalate	13.32	149	393082	40.30	ng	#	81
80) Benzo(a)anthracene	13.89	228	696389	38.43	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	528114	39.90	ng		98
82) Chrysene	13.93	228	656669	37.62	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	504645	38.98	ng	#	96
84) Di-n-octyl phthalate	14.49	149	791373	38.28	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	567466	40.07	ng		99
87) Benzo(b)fluoranthene	14.91	252	650905m	43.23	ng		
88) Benzo(k)fluoranthene	14.93	252	491531m	36.87	ng		
89) Benzo(a)pyrene	15.24	252	531937	39.88	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	477124	44.45	ng		96
91) Benzo(g,h,i)perylene	17.05	276	473736	45.61	ng		96

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

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