Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086100.D
Acq On : 6 Apr 2016 15:59
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/7/2016 8:59:03 AM

Quant Time: Apr 07 04:14:42 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	109753m	20.00	ng		-0.03
21) Naphthalene-d8	8.03	136	464837	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	204667	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	395222	20.00	ng		-0.03
75) Chrysene-d12	13.90	240	280303	20.00	ng		-0.02
86) Perylene-d12	15.30	264	213952	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	565322	88.04	ng		-0.03
7) Phenol-d6	6.40	99	708563	86.88	ng		-0.02
23) Nitrobenzene-d5	7.32	82	663772	84.21	ng		-0.02
41) 2,4,6-Tribromophenol	10.58	330	162406	84.54	ng		-0.02
44) 2-Fluorobiphenyl	9.10	172	973671	79.10	ng		-0.03
78) Terphenyl-d14	12.84	244	1043420	87.50	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	128009	42.05	ng		98
3) Pyridine	2.94	79	337162	49.47	ng		99
4) n-Nitrosodimethylamine	2.90	42	134516	44.89	ng		99
6) Aniline	6.41	93	437466m	40.88	ng		
8) 2-Chlorophenol	6.53	128	312384	40.79	ng		93
9) Benzaldehyde	6.29	77	182039	41.48	ng		95
10) Phenol	6.41	94	398774m	42.86	ng		
11) bis(2-Chloroethyl)ether	6.49	93	332723	45.16	ng		96
12) 1,3-Dichlorobenzene	6.68	146	348926m	42.99	ng		
13) 1,4-Dichlorobenzene	6.76	146	357244m	42.73	ng		
14) 1,2-Dichlorobenzene	6.91	146	308195	40.05	ng		95
15) Benzyl Alcohol	6.90	79	213755	40.51	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	373959	41.55	ng		74
17) 2-Methylphenol	7.01	107	248546	41.17	ng		98
18) Hexachloroethane	7.25	117	130206	42.34	ng		95
19) n-Nitroso-di-n-propylamine	7.17	70	201519	39.86	ng		96
20) 3+4-Methylphenols	7.17	107	313380	42.68	ng	#	69
22) Acetophenone	7.16	105	425120	38.90	ng	#	93
24) Nitrobenzene	7.33	77	321184	37.25	ng		99
25) Isophorone	7.57	82	604225	38.83	ng		99
26) 2-Nitrophenol	7.65	139	177449	43.01	ng		98
27) 2,4-Dimethylphenol	7.70	122	305206	41.19	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	383191	41.97	ng		100
29) 2,4-Dichlorophenol	7.89	162	244699	39.06	ng		93
30) 1,2,4-Trichlorobenzene	7.97	180	268714	38.21	ng		98
31) Naphthalene	8.05	128	919534	39.33	ng		100
32) Benzoic acid	7.85	122	213437	39.26	ng		99
33) 4-Chloroaniline	8.11	127	374243	39.62	ng		97
34) Hexachlorobutadiene	8.17	225	142415	37.67	ng		99
35) Caprolactam	8.49	113	86171	43.36	ng		98
36) 4-Chloro-3-methylphenol	8.60	107	285393	40.52	ng		98
37) 2-Methylnaphthalene	8.74	142	551331	36.10	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	246309	40.04	ng		99
40) Hexachlorocyclopentadiene	8.90	237	65872	38.83	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	166929	42.26	ng		98
43) 2,4,5-Trichlorophenol	9.07	196	175261	43.70	ng	#	84
45) 1,1'-Biphenyl	9.21	154	702069	39.78	ng		97
46) 2-Chloronaphthalene	9.23	162	502621	39.29	ng	#	92
47) 2-Nitroaniline	9.33	65	154190	41.20	ng		89
48) Acenaphthylene	9.64	152	780745	38.10	ng		100
49) Dimethylphthalate	9.52	163	646383	42.61	ng		99
50) 2,6-Dinitrotoluene	9.58	165	143513	44.72	ng	#	62
51) Acenaphthene	9.81	154	464839	38.14	ng		99
52) 3-Nitroaniline	9.76	138	160946	41.61	ng	#	74
53) 2,4-Dinitrophenol	9.87	184	60681	38.64	ng	#	72
54) Dibenzofuran	9.98	168	613005	38.09	ng		96
55) 4-Nitrophenol	9.93	139	92674	40.64	ng		96
56) 2,4-Dinitrotoluene	9.98	165	158016	38.96	ng	#	46
57) Fluorene	10.33	166	508745	37.00	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	119645	40.07	ng		96
59) Diethylphthalate	10.21	149	659189	43.05	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	275840	43.07	ng	#	80
61) 4-Nitroaniline	10.36	138	145610	38.22	ng		91
62) Azobenzene	10.49	77	631606	43.07	ng		89
64) 4,6-Dinitro-2-methylphenol	10.40	198	96092	40.12	ng		90
65) n-Nitrosodiphenylamine	10.44	169	468442	37.90	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	150787	37.37	ng	#	83
67) Hexachlorobenzene	10.88	284	161114	38.61	ng	#	74
68) Atrazine	10.98	200	177741	44.51	ng		99
69) Pentachlorophenol	11.08	266	74967	38.34	ng		99
70) Phenanthrene	11.29	178	784130	36.37	ng		100
71) Anthracene	11.34	178	913724	40.46	ng		99
72) Carbazole	11.50	167	782175	40.29	ng		99
73) Di-n-butylphthalate	11.82	149	904242	37.59	ng		99
74) Fluoranthene	12.48	202	877893	39.15	ng		93
76) Benzidine	12.60	184	381854	38.61	ng		99
77) Pyrene	12.70	202	890144	45.06	ng		99
79) Butylbenzylphthalate	13.32	149	399614	44.93	ng		87
80) Benzo(a)anthracene	13.89	228	657725	39.81	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	504531	41.81	ng	#	95
82) Chrysene	13.93	228	637884	40.08	ng		100
83) Bis(2-ethylhexyl)phthalate	13.88	149	479855	40.65	ng	#	96
84) Di-n-octyl phthalate	14.49	149	741615	39.34	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	532936	41.27	ng		99
87) Benzo(b)fluoranthene	14.91	252	618099m	45.93	ng		
88) Benzo(k)fluoranthene	14.93	252	420297m	35.26	ng		
89) Benzo(a)pyrene	15.24	252	486199	40.77	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	448491	46.75	ng		99
91) Benzo(g,h,i)perylene	17.05	276	447433	48.19	ng		95

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

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