Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
Data File : BF089735.D
Acq On : 17 Aug 2016 1:23
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
8/17/2016 5:58:26 AM

Quant Time: Aug 17 04:29:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	668371	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	2673416	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	1312640	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	2434142	20.00	ng		0.01
75) Chrysene-d12	13.87	240	1983422	20.00	ng		-0.02
86) Perylene-d12	15.34	264	1713950	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	3284949	82.00	ng		0.00
7) Phenol-d6	6.34	99	4043013	79.35	ng		0.01
23) Nitrobenzene-d5	7.27	82	3524422	80.50	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	916027	72.13	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	5204952	63.63	ng		0.00
78) Terphenyl-d14	12.81	244	5098599	76.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	754535	36.49	ng		98
3) Pyridine	2.84	79	1970605	36.98	ng		99
4) n-Nitrosodimethylamine	2.81	42	810628	37.90	ng	#	89
6) Aniline	6.36	93	2669060	38.97	ng		99
8) 2-Chlorophenol	6.48	128	1748587	36.70	ng		97
9) Benzaldehyde	6.24	77	1243587	36.82	ng		93
10) Phenol	6.35	94	2540621	40.06	ng		99
11) bis(2-Chloroethyl)ether	6.44	93	1923414	40.93	ng		98
12) 1,3-Dichlorobenzene	6.64	146	1871236	36.74	ng		98
13) 1,4-Dichlorobenzene	6.72	146	1998134	38.73	ng		99
14) 1,2-Dichlorobenzene	6.88	146	1837164	37.34	ng		99
15) Benzyl Alcohol	6.84	79	1257725	36.94	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2290594	37.15	ng		94
17) 2-Methylphenol	6.96	107	1527253	40.34	ng		99
18) Hexachloroethane	7.22	117	754345	39.89	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	1204512	36.10	ng		96
20) 3+4-Methylphenols	7.12	107	1648912	34.01	ng		96
22) Acetophenone	7.12	105	2344108	37.72	ng		92
24) Nitrobenzene	7.29	77	2039787	41.42	ng		95
25) Isophorone	7.53	82	3431029	39.17	ng		100
26) 2-Nitrophenol	7.61	139	999199	43.12	ng		98
27) 2,4-Dimethylphenol	7.66	122	1908166	43.44	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	1949807	36.63	ng		99
29) 2,4-Dichlorophenol	7.85	162	1563161	42.74	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	1501978	38.26	ng		99
31) Naphthalene	8.01	128	4490964	37.43	ng		95
32) Benzoic acid	7.78	122	1378746	40.37	ng		98
33) 4-Chloroaniline	8.07	127	2193868	39.51	ng		98
34) Hexachlorobutadiene	8.14	225	794931	38.54	ng		98
35) Caprolactam	8.44	113	438903	38.94	ng		85
36) 4-Chloro-3-methylphenol	8.55	107	1636801	41.11	ng		95
37) 2-Methylnaphthalene	8.71	142	3363298	41.18	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1440663	34.14	ng		98
40) Hexachlorocyclopentadiene	8.87	237	743517	39.54	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1094639m	40.16	ng		
43) 2,4,5-Trichlorophenol	9.02	196	1076430m	41.41	ng		
45) 1,1'-Biphenyl	9.18	154	4016968	36.95	ng		94
46) 2-Chloronaphthalene	9.19	162	2911920	35.75	ng		98
47) 2-Nitroaniline	9.28	65	936427	37.72	ng		96
48) Acenaphthylene	9.60	152	4587406	36.58	ng		97
49) Dimethylphthalate	9.48	163	3778631	39.78	ng	#	99
50) 2,6-Dinitrotoluene	9.53	165	762924	35.49	ng		86
51) Acenaphthene	9.77	154	3244480	38.34	ng		99
52) 3-Nitroaniline	9.70	138	1060334	42.42	ng	#	68
53) 2,4-Dinitrophenol	9.79	184	325764	34.96	ng	#	80
54) Dibenzofuran	9.94	168	3778238	36.28	ng		99
55) 4-Nitrophenol	9.85	139	737469	38.35	ng	#	82
56) 2,4-Dinitrotoluene	9.93	165	1112692	40.27	ng	#	70
57) Fluorene	10.28	166	2916948	34.67	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	782635	38.55	ng		97
59) Diethylphthalate	10.18	149	3815718	39.62	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	1344259	32.54	ng		95
61) 4-Nitroaniline	10.31	138	918686	37.86	ng		94
62) Azobenzene	10.44	77	3592473	39.48	ng		97
64) 4,6-Dinitro-2-methylphenol	10.33	198	511591	36.20	ng		75
65) n-Nitrosodiphenylamine	10.41	169	3125793	40.92	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	1034118	41.02	ng	#	88
67) Hexachlorobenzene	10.83	284	1092991	39.00	ng	#	86
68) Atrazine	10.94	200	850710	36.76	ng		96
69) Pentachlorophenol	11.03	266	698776	40.03	ng		99
70) Phenanthrene	11.24	178	4841881	40.47	ng		93
71) Anthracene	11.29	178	4440161	35.52	ng		97
72) Carbazole	11.45	167	4691988	39.61	ng		96
73) Di-n-butylphthalate	11.79	149	5559118	38.59	ng		98
74) Fluoranthene	12.42	202	4330179	36.02	ng		91
76) Benzidine	12.55	184	2500454	35.12	ng		98
77) Pyrene	12.65	202	4767042	36.73	ng		92
79) Butylbenzylphthalate	13.29	149	2315761	35.56	ng	#	79
80) Benzo(a)anthracene	13.86	228	4394611	38.14	ng		97
81) 3,3'-Dichlorobenzidine	13.83	252	1595805	38.01	ng		97
82) Chrysene	13.90	228	3659757	35.29	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	3317779	38.50	ng	#	97
84) Di-n-octyl phthalate	14.55	149	4987740	37.24	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	3438018	38.91	ng		99
87) Benzo(b)fluoranthene	14.95	252	3667836	33.77	ng		97
88) Benzo(k)fluoranthene	14.98	252	3860808m	43.19	ng		
89) Benzo(a)pyrene	15.28	252	3528206	39.35	ng		96
90) Dibenzo(a,h)anthracene	16.66	278	2827153	40.04	ng		97
91) Benzo(g,h,i)perylene	17.03	276	2825671	39.33	ng		95

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

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