Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
Data File : BF086564.D
Acq On : 1 May 2016 11:23
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
5/2/2016 7:52:30 PM

Quant Time: May 02 17:59:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	157414	20.00	ng		-0.03
21) Naphthalene-d8	8.05	136	666289	20.00	ng		-0.05
38) Acenaphthene-d10	9.80	164	316861	20.00	ng		-0.05
63) Phenanthrene-d10	11.29	188	634213	20.00	ng		-0.03
75) Chrysene-d12	13.92	240	422617	20.00	ng		-0.05
86) Perylene-d12	15.31	264	389782	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	795861	87.21	ng		-0.03
7) Phenol-d6	6.41	99	1073102	84.25	ng		-0.03
23) Nitrobenzene-d5	7.34	82	1074381	86.91	ng		-0.03
41) 2,4,6-Tribromophenol	10.59	330	276187	82.65	ng		-0.05
44) 2-Fluorobiphenyl	9.14	172	1621932	90.92	ng		-0.03
78) Terphenyl-d14	12.87	244	1552680	80.94	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	196558	41.00	ng	#	76
3) Pyridine	2.98	79	462876	40.80	ng	#	76
4) n-Nitrosodimethylamine	2.92	42	302259	46.74	ng	#	56
6) Aniline	6.43	93	621526	40.32	ng	#	34
8) 2-Chlorophenol	6.56	128	457372	40.24	ng		98
9) Benzaldehyde	6.30	77	193482	26.11	ng		92
10) Phenol	6.43	94	595571	41.91	ng	#	62
11) bis(2-Chloroethyl)ether	6.51	93	534893	43.54	ng		92
12) 1,3-Dichlorobenzene	6.70	146	472379m	38.64	ng		
13) 1,4-Dichlorobenzene	6.78	146	505657	40.08	ng		95
14) 1,2-Dichlorobenzene	6.94	146	437460	37.81	ng		94
15) Benzyl Alcohol	6.92	79	274578	34.08	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	992966	40.38	ng		96
17) 2-Methylphenol	7.04	107	370962	40.38	ng	#	92
18) Hexachloroethane	7.28	117	181902	38.59	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	357122	42.42	ng	#	78
20) 3+4-Methylphenols	7.20	107	441830	42.12	ng	#	65
22) Acetophenone	7.18	105	607559	41.59	ng	#	94
24) Nitrobenzene	7.36	77	535010	42.07	ng		99
25) Isophorone	7.60	82	917967	38.59	ng		99
26) 2-Nitrophenol	7.68	139	258313	44.12	ng		96
27) 2,4-Dimethylphenol	7.72	122	446448	43.46	ng		92
28) bis(2-Chloroethoxy)methane	7.81	93	550938	42.51	ng		98
29) 2,4-Dichlorophenol	7.92	162	361701	41.73	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	392174	39.00	ng		96
31) Naphthalene	8.08	128	1329988	39.23	ng		99
32) Benzoic acid	7.86	122	254670	42.23	ng		90
33) 4-Chloroaniline	8.13	127	280221	22.07	ng		96
34) Hexachlorobutadiene	8.20	225	220078	39.05	ng		98
35) Caprolactam	8.51	113	120052	41.52	ng	#	59
36) 4-Chloro-3-methylphenol	8.62	107	438329	44.17	ng		98
37) 2-Methylnaphthalene	8.77	142	799251	39.95	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	366169	40.37	ng		99
40) Hexachlorocyclopentadiene	8.92	237	166983	37.05	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	240950	42.03	ng		96
43) 2,4,5-Trichlorophenol	9.09	196	267904	42.87	ng		96
45) 1,1'-Biphenyl	9.23	154	986506	37.25	ng		96
46) 2-Chloronaphthalene	9.25	162	768339	38.15	ng		93
47) 2-Nitroaniline	9.36	65	307089	47.55	ng		85
48) Acenaphthylene	9.66	152	1202201	38.19	ng		99
49) Dimethylphthalate	9.54	163	940010	39.41	ng		100
50) 2,6-Dinitrotoluene	9.60	165	204141	41.42	ng	#	80
51) Acenaphthene	9.84	154	804842	39.81	ng		99
52) 3-Nitroaniline	9.77	138	245492	43.80	ng		86
53) 2,4-Dinitrophenol	9.87	184	99341	41.09	ng	#	79
54) Dibenzofuran	10.01	168	972164	38.47	ng		94
55) 4-Nitrophenol	9.94	139	136017	37.07	ng		85
56) 2,4-Dinitrotoluene	10.00	165	269483	42.90	ng	#	86
57) Fluorene	10.35	166	771620	35.17	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	207976	42.57	ng		99
59) Diethylphthalate	10.24	149	951834	42.15	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	412569	41.42	ng	#	84
61) 4-Nitroaniline	10.38	138	211440	38.59	ng		85
62) Azobenzene	10.51	77	1074915	43.46	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	159722	42.90	ng	#	74
65) n-Nitrosodiphenylamine	10.46	169	715093	36.08	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	252153	38.58	ng	#	86
67) Hexachlorobenzene	10.90	284	281100	37.16	ng	#	83
68) Atrazine	11.00	200	218887	36.77	ng		95
69) Pentachlorophenol	11.09	266	159418	39.97	ng		97
70) Phenanthrene	11.31	178	1208935	36.32	ng		100
71) Anthracene	11.37	178	1395783	39.30	ng		99
72) Carbazole	11.52	167	1147034	36.44	ng		98
73) Di-n-butylphthalate	11.86	149	1456113	40.83	ng		99
74) Fluoranthene	12.49	202	1306179	38.88	ng		99
76) Benzidine	12.64	184	263112	18.12	ng		98
77) Pyrene	12.72	202	1197621	39.33	ng		99
79) Butylbenzylphthalate	13.35	149	563474	42.73	ng	#	78
80) Benzo(a)anthracene	13.91	228	916461	40.67	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	554639	36.82	ng		99
82) Chrysene	13.94	228	898909	36.70	ng		100
83) Bis(2-ethylhexyl)phthalate	13.91	149	619812	37.86	ng		97
84) Di-n-octyl phthalate	14.51	149	1013719	39.54	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.65	276	981388	54.08	ng		97
87) Benzo(b)fluoranthene	14.92	252	954948m	41.65	ng		
88) Benzo(k)fluoranthene	14.95	252	793834m	33.19	ng		
89) Benzo(a)pyrene	15.25	252	839872	38.79	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	818864	46.22	ng		99
91) Benzo(g,h,i)perylene	17.05	276	808747	45.55	ng		96

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

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