Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087791.D
Acq On : 7 Jun 2016 15:26
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
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6/8/2016 7:14:07 PM

Quant Time: Jun 07 16:39:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 16:25:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130024	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	511372	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	260201	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	470910	20.00	ng		0.00
75) Chrysene-d12	13.99	240	358481	20.00	ng		0.00
86) Perylene-d12	15.39	264	281442	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	600127	74.60	ng		0.00
7) Phenol-d6	6.48	99	707863	70.16	ng		0.00
23) Nitrobenzene-d5	7.42	82	717746	81.21	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	225036	86.16	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1295728	73.12	ng		0.00
78) Terphenyl-d14	12.95	244	1215153	82.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	144185	37.08	ng	#	35
3) Pyridine	3.13	79	356924	34.75	ng		97
4) n-Nitrosodimethylamine	3.08	42	147389	33.96	ng		94
6) Aniline	6.50	93	522559	36.54	ng	#	90
8) 2-Chlorophenol	6.63	128	351631	37.99	ng		93
9) Benzaldehyde	6.39	77	224952	32.98	ng		92
10) Phenol	6.49	94	364806	31.76	ng		77
11) bis(2-Chloroethyl)ether	6.58	93	300148	35.96	ng		93
12) 1,3-Dichlorobenzene	6.79	146	385120m	38.86	ng		
13) 1,4-Dichlorobenzene	6.86	146	370650	37.27	ng		96
14) 1,2-Dichlorobenzene	7.02	146	360061m	38.62	ng		
15) Benzyl Alcohol	6.99	79	299242	40.15	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	440927	36.22	ng		93
17) 2-Methylphenol	7.11	107	299697	40.32	ng		96
18) Hexachloroethane	7.36	117	138813	39.91	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	216897	34.42	ng		94
20) 3+4-Methylphenols	7.26	107	316070	34.71	ng	#	78
22) Acetophenone	7.26	105	447203	38.61	ng	#	86
24) Nitrobenzene	7.43	77	314378	35.54	ng		87
25) Isophorone	7.68	82	666262	41.41	ng		95
26) 2-Nitrophenol	7.75	139	209622	51.00	ng	#	86
27) 2,4-Dimethylphenol	7.79	122	347630	40.81	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	415186	40.68	ng		98
29) 2,4-Dichlorophenol	7.99	162	285913	40.87	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	296252	40.44	ng		99
31) Naphthalene	8.15	128	964503	38.79	ng		100
32) Benzoic acid	7.92	122	215552	41.95	ng	#	80
33) 4-Chloroaniline	8.20	127	487874	45.17	ng	#	93
34) Hexachlorobutadiene	8.27	225	167140	43.88	ng		99
35) Caprolactam	8.58	113	102540	44.62	ng		96
36) 4-Chloro-3-methylphenol	8.68	107	293973	40.62	ng		99
37) 2-Methylnaphthalene	8.84	142	708120	43.13	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	264344	36.86	ng	#	1
40) Hexachlorocyclopentadiene	8.99	237	169414	40.16	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	212702	39.27	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	209636	41.59	ng	#	94
45) 1,1'-Biphenyl	9.30	154	775089	36.70	ng		100
46) 2-Chloronaphthalene	9.32	162	625021	37.18	ng		99
47) 2-Nitroaniline	9.43	65	215899	45.61	ng	#	77
48) Acenaphthylene	9.75	152	1053793	40.20	ng		99
49) Dimethylphthalate	9.61	163	682318	36.07	ng		99
50) 2,6-Dinitrotoluene	9.67	165	156147	36.28	ng	#	65
51) Acenaphthene	9.92	154	665782	39.47	ng		98
52) 3-Nitroaniline	9.84	138	206989	42.05	ng		89
53) 2,4-Dinitrophenol	9.94	184	87284	46.40	ng	#	67
54) Dibenzofuran	10.09	168	937744	40.84	ng		97
55) 4-Nitrophenol	10.00	139	175918	41.81	ng	#	75
56) 2,4-Dinitrotoluene	10.07	165	205218	37.44	ng	#	67
57) Fluorene	10.43	166	643530	35.85	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	180339	41.54	ng	#	54
59) Diethylphthalate	10.31	149	728525	38.35	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	280341	38.17	ng		99
61) 4-Nitroaniline	10.46	138	206721	43.68	ng		87
62) Azobenzene	10.58	77	759467	39.72	ng		98
64) 4,6-Dinitro-2-methylphenol	10.48	198	132819	50.63	ng	#	62
65) n-Nitrosodiphenylamine	10.55	169	634103	41.11	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	209534	44.87	ng		96
67) Hexachlorobenzene	10.97	284	193142	36.99	ng		99
68) Atrazine	11.07	200	207547	45.43	ng		96
69) Pentachlorophenol	11.17	266	124902	40.26	ng		99
70) Phenanthrene	11.38	178	886084	34.70	ng		99
71) Anthracene	11.44	178	1044277	40.82	ng		100
72) Carbazole	11.59	167	850301	35.11	ng		100
73) Di-n-butylphthalate	11.93	149	1191416	45.89	ng	#	98
74) Fluoranthene	12.57	202	1066320	42.44	ng		94
76) Benzidine	12.69	184	399238	28.24	ng		100
77) Pyrene	12.80	202	1052410	41.23	ng		99
79) Butylbenzylphthalate	13.42	149	489301	45.04	ng		91
80) Benzo(a)anthracene	13.98	228	751111	36.31	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	234728	40.22	ng	#	97
82) Chrysene	14.01	228	719036	34.92	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	557543	43.13	ng	#	98
84) Di-n-octyl phthalate	14.58	149	920073	38.28	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	711508	41.80	ng	#	100
87) Benzo(b)fluoranthene	14.99	252	834439m	45.58	ng		
88) Benzo(k)fluoranthene	15.03	252	483236m	31.72	ng		
89) Benzo(a)pyrene	15.35	252	645677	41.95	ng	#	94
90) Dibenzo(a,h)anthracene	16.80	278	592492	45.24	ng		99
91) Benzo(g,h,i)perylene	17.20	276	616985	46.69	ng		99

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

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