Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086210.D
Acq On : 15 Apr 2016 12:02
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
4/18/2016 7:24:32 PM

Quant Time: Apr 15 13:52:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 13:20:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	291354	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1193034	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	541105	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	959373	20.00	ng		0.00
75) Chrysene-d12	14.05	240	715608	20.00	ng		0.00
86) Perylene-d12	15.48	264	573201	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	418562	11.80	ng		-0.01
7) Phenol-d6	6.50	99	513842	11.43	ng		-0.02
23) Nitrobenzene-d5	7.45	82	438343	10.47	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	106426	11.17	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	770686	11.48	ng		-0.01
78) Terphenyl-d14	13.00	244	761652	12.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	104430	11.30	ng		95
3) Pyridine	3.25	79	279633	11.74	ng		96
4) n-Nitrosodimethylamine	3.17	42	91975	8.29	ng	#	58
6) Aniline	6.54	93	345563	10.70	ng		100
8) 2-Chlorophenol	6.67	128	242103	11.87	ng		86
9) Benzaldehyde	6.43	77	171027	13.97	ng		87
10) Phenol	6.52	94	301271	10.65	ng		85
11) bis(2-Chloroethyl)ether	6.62	93	229011	11.47	ng		94
12) 1,3-Dichlorobenzene	6.83	146	248894	11.11	ng		97
13) 1,4-Dichlorobenzene	6.91	146	258151	11.48	ng		98
14) 1,2-Dichlorobenzene	7.06	146	225660m	10.81	ng		
15) Benzyl Alcohol	7.02	79	174533	10.61	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	321071	9.93	ng		99
17) 2-Methylphenol	7.14	107	193341	11.47	ng	#	93
18) Hexachloroethane	7.41	117	86002	10.66	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	155831	10.62	ng	#	90
20) 3+4-Methylphenols	7.29	107	234150	12.54	ng	#	84
22) Acetophenone	7.30	105	326744	11.76	ng	#	96
24) Nitrobenzene	7.47	77	263446	11.48	ng		97
25) Isophorone	7.71	82	443832	10.90	ng		96
26) 2-Nitrophenol	7.79	139	102389	11.21	ng	#	84
27) 2,4-Dimethylphenol	7.82	122	223646	11.59	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	293042	12.54	ng		100
29) 2,4-Dichlorophenol	8.03	162	174832	11.51	ng		92
30) 1,2,4-Trichlorobenzene	8.12	180	192076	11.48	ng		98
31) Naphthalene	8.20	128	707661	12.58	ng		98
32) Benzoic acid	7.89	122	111959	9.85	ng		93
33) 4-Chloroaniline	8.25	127	290982	12.62	ng	#	92
34) Hexachlorobutadiene	8.33	225	94641	10.71	ng		99
35) Caprolactam	8.58	113	55706	10.96	ng	#	61
36) 4-Chloro-3-methylphenol	8.72	107	207651	12.05	ng		93
37) 2-Methylnaphthalene	8.89	142	395474	10.93	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	170271	12.02	ng		98
40) Hexachlorocyclopentadiene	9.05	237	68943	9.60	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	118486	10.86	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	113635	10.46	ng	#	85
45) 1,1'-Biphenyl	9.36	154	528757	12.49	ng		96
46) 2-Chloronaphthalene	9.38	162	418005	12.07	ng		96
47) 2-Nitroaniline	9.47	65	106829	10.74	ng	#	58
48) Acenaphthylene	9.79	152	645201	12.28	ng		98
49) Dimethylphthalate	9.65	163	489178	12.15	ng		98
50) 2,6-Dinitrotoluene	9.71	165	100643	11.81	ng		95
51) Acenaphthene	9.96	154	373874	10.95	ng		98
52) 3-Nitroaniline	9.87	138	106336	10.81	ng		92
53) 2,4-Dinitrophenol	9.97	184	17688	7.15	ng	#	1
54) Dibenzofuran	10.13	168	509370	12.14	ng		93
55) 4-Nitrophenol	10.02	139	93757	13.08	ng		84
56) 2,4-Dinitrotoluene	10.11	165	124359	11.40	ng		97
57) Fluorene	10.48	166	380725	11.22	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	88173	11.56	ng		98
59) Diethylphthalate	10.35	149	464401	11.34	ng		96
60) 4-Chlorophenyl-phenylether	10.48	204	172887	10.87	ng		93
61) 4-Nitroaniline	10.48	138	87725	9.46	ng		94
62) Azobenzene	10.63	77	420848	10.27	ng		88
64) 4,6-Dinitro-2-methylphenol	10.51	198	36686	9.98	ng	#	78
65) n-Nitrosodiphenylamine	10.59	169	353772	11.96	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	106524	11.13	ng	#	86
67) Hexachlorobenzene	11.03	284	120889	11.23	ng	#	80
68) Atrazine	11.12	200	106244	12.15	ng		93
69) Pentachlorophenol	11.22	266	60842	10.75	ng		98
70) Phenanthrene	11.44	178	608750	12.15	ng		99
71) Anthracene	11.48	178	603603	12.20	ng		99
72) Carbazole	11.64	167	587254	13.08	ng		97
73) Di-n-butylphthalate	11.99	149	719215	13.61	ng	#	97
74) Fluoranthene	12.63	202	593155	12.81	ng		94
76) Benzidine	12.74	184	243324	9.89	ng		98
77) Pyrene	12.85	202	628383	11.70	ng		98
79) Butylbenzylphthalate	13.48	149	255572	11.73	ng		93
80) Benzo(a)anthracene	14.03	228	459939	11.62	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	264024	10.14	ng	#	97
82) Chrysene	14.08	228	494707	11.95	ng		96
83) Bis(2-ethylhexyl)phthalate	14.04	149	326656	12.77	ng		100
84) Di-n-octyl phthalate	14.65	149	563706	12.02	ng		95
85) Indeno(1,2,3-cd)pyrene	16.88	276	317805	9.70	ng		96
87) Benzo(b)fluoranthene	15.06	252	425754	12.23	ng	#	96
88) Benzo(k)fluoranthene	15.09	252	349941m	10.68	ng		
89) Benzo(a)pyrene	15.41	252	336552	11.02	ng		97
90) Dibenzo(a,h)anthracene	16.90	278	265638	9.78	ng		98
91) Benzo(g,h,i)perylene	17.30	276	271638	9.62	ng	#	94

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

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