Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
Data File : BF078160.D
Acq On : 1 Apr 2015 19:05
Operator : TP/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
apatel
4/2/2015 5:50:48 PM

Quant Time: Apr 02 03:43:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 02:08:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	36978	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	150287	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	76799	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	143145	20.00	ng		0.00
75) Chrysene-d12	15.87	240	146462	20.00	ng		0.00
86) Perylene-d12	17.60	264	137416	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	259762	121.25	ng		0.00
7) Phenol-d6	6.61	99	318704	120.77	ng		0.01
23) Nitrobenzene-d5	7.72	82	304571	130.54	ng		0.01
41) 2,4,6-Tribromophenol	11.75	330	79330	109.47	ng		0.00
44) 2-Fluorobiphenyl	9.95	172	614008	116.56	ng		0.01
78) Terphenyl-d14	14.59	244	738486	122.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.85	88	59283	61.22	ng		99
3) Pyridine	2.48	79	179083	68.10	ng		99
4) n-Nitrosodimethylamine	2.43	42	56973	51.78	ng		98
6) Aniline	6.61	93	227317	60.12	ng		98
8) 2-Chlorophenol	6.75	128	152887	59.90	ng		98
9) Benzaldehyde	6.46	77	110820	93.10	ng		99
10) Phenol	6.62	94	197114	62.72	ng		98
11) bis(2-Chloroethyl)ether	6.72	93	137107	58.70	ng		97
12) 1,3-Dichlorobenzene	6.94	146	164897	58.40	ng	#	88
13) 1,4-Dichlorobenzene	7.04	146	167256	57.17	ng		99
14) 1,2-Dichlorobenzene	7.22	146	152791	56.80	ng		99
15) Benzyl Alcohol	7.22	79	116460	57.28	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	7.39	45	184470	58.67	ng		99
17) 2-Methylphenol	7.37	107	119092	57.86	ng		98
18) Hexachloroethane	7.64	117	57304	59.30	ng		97
19) n-Nitroso-di-n-propylamine	7.55	70	110973	60.78	ng		95
20) 3+4-Methylphenols	7.56	107	162775	59.87	ng		99
22) Acetophenone	7.54	105	212712	63.19	ng	#	98
24) Nitrobenzene	7.74	77	158888	63.47	ng		96
25) Isophorone	8.04	82	281321	60.15	ng		97
26) 2-Nitrophenol	8.13	139	79597	65.19	ng		96
27) 2,4-Dimethylphenol	8.21	122	138802	62.33	ng		98
28) bis(2-Chloroethoxy)methane	8.33	93	174165	60.85	ng		99
29) 2,4-Dichlorophenol	8.44	162	124371	59.13	ng		98
30) 1,2,4-Trichlorobenzene	8.53	180	138265	58.72	ng		98
31) Naphthalene	8.62	128	454493	58.65	ng		100
32) Benzoic acid	8.35	122	65867	62.50	ng		94
33) 4-Chloroaniline	8.70	127	190421	60.13	ng		98
34) Hexachlorobutadiene	8.78	225	76812	57.49	ng		99
35) Caprolactam	9.15	113	40718	65.55	ng	#	77
36) 4-Chloro-3-methylphenol	9.32	107	126689	59.41	ng		99
37) 2-Methylnaphthalene	9.48	142	306285	58.88	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	138994	60.12	ng		99
40) Hexachlorocyclopentadiene	9.68	237	57931	60.79	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	90354	57.43	ng		98
43) 2,4,5-Trichlorophenol	9.88	196	94022	55.25	ng		97
45) 1,1'-Biphenyl	10.06	154	359779	58.41	ng		99
46) 2-Chloronaphthalene	10.08	162	276540	55.36	ng		98
47) 2-Nitroaniline	10.22	65	77732	62.92	ng	#	48
48) Acenaphthylene	10.59	152	462372	55.74	ng		100
49) Dimethylphthalate	10.46	163	336117	58.83	ng	#	98
50) 2,6-Dinitrotoluene	10.53	165	75357	63.44	ng	#	87
51) Acenaphthene	10.81	154	260193	55.25	ng		99
52) 3-Nitroaniline	10.73	138	79401	57.54	ng		93
53) 2,4-Dinitrophenol	10.86	184	24518	69.54	ng		97
54) Dibenzofuran	11.01	168	385141	54.87	ng		99
55) 4-Nitrophenol	10.97	139	58464	58.62	ng		99
56) 2,4-Dinitrotoluene	11.02	165	100537	64.70	ng		93
57) Fluorene	11.44	166	310052	53.26	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	72171	55.32	ng		99
59) Diethylphthalate	11.33	149	327799	58.80	ng		98
60) 4-Chlorophenyl-phenylether	11.46	204	146321	54.96	ng		98
61) 4-Nitroaniline	11.48	138	82703	59.76	ng		96
62) Azobenzene	11.64	77	326461	62.66	ng		99
64) 4,6-Dinitro-2-methylphenol	11.53	198	42767	76.32	ng	#	52
65) n-Nitrosodiphenylamine	11.61	169	290145	60.56	ng		99
66) 4-Bromophenyl-phenylether	12.05	248	89753	58.81	ng		99
67) Hexachlorobenzene	12.11	284	96513	57.48	ng		98
68) Atrazine	12.28	200	87408	64.38	ng		97
69) Pentachlorophenol	12.36	266	41182	56.75	ng		95
70) Phenanthrene	12.63	178	472391	57.20	ng		100
71) Anthracene	12.68	178	466058	56.90	ng		100
72) Carbazole	12.90	167	446918	57.16	ng		99
73) Di-n-butylphthalate	13.36	149	525791	60.08	ng		99
74) Fluoranthene	14.09	202	504833	56.30	ng		99
76) Benzidine	14.28	184	330031	76.78	ng		99
77) Pyrene	14.37	202	538259	59.20	ng		99
79) Butylbenzylphthalate	15.21	149	223112	61.44	ng		100
80) Benzo(a)anthracene	15.86	228	520672	59.23	ng		98
81) 3,3'-Dichlorobenzidine	15.85	252	177384	60.99	ng		98
82) Chrysene	15.91	228	467440	59.52	ng		100
83) Bis(2-ethylhexyl)phthalate	15.94	149	347884	62.40	ng		99
84) Di-n-octyl phthalate	16.73	149	597480	62.97	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.92	276	562451	57.43	ng	#	86
87) Benzo(b)fluoranthene	17.15	252	463930	52.28	ng	#	97
88) Benzo(k)fluoranthene	17.19	252	499847m	69.52	ng		
89) Benzo(a)pyrene	17.53	252	448689	59.58	ng	#	93
90) Dibenzo(a,h)anthracene	18.95	278	452625	60.51	ng		97
91) Benzo(g,h,i)perylene	19.30	276	445495	58.88	ng		98

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

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