Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
Data File : BF080538.D
Acq On : 17 Jul 2015 17:30
Operator : TP/UM
Sample : SSTDICC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC040

Manual Integrations APPROVED
apatel
7/20/2015 3:40:48 PM

Quant Time: Jul 18 00:50:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 00:40:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	80767	20.00	ng		0.00
21) Naphthalene-d8	8.35	136	344005	20.00	ng		0.00
38) Acenaphthene-d10	10.11	164	161772	20.00	ng		0.00
63) Phenanthrene-d10	11.60	188	286746	20.00	ng		0.00
75) Chrysene-d12	14.39	240	246201	20.00	ng		0.03
86) Perylene-d12	16.08	264	228229	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	203258	39.24	ng		0.00
7) Phenol-d6	6.70	99	246736	41.85	ng		0.00
23) Nitrobenzene-d5	7.63	82	241259	44.72	ng		0.00
41) 2,4,6-Tribromophenol	10.90	330	57349	39.62	ng		0.00
44) 2-Fluorobiphenyl	9.42	172	452237	39.26	ng		0.00
78) Terphenyl-d14	13.21	244	395306	35.86	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	44569	20.57	ng		98
3) Pyridine	3.69	79	88639	24.96	ng		95
4) n-Nitrosodimethylamine	3.53	42	63190	22.12	ng		96
6) Aniline	6.74	93	158700	20.43	ng		96
8) 2-Chlorophenol	6.85	128	107652	19.92	ng		99
9) Benzaldehyde	6.62	77	72510	21.78	ng		99
10) Phenol	6.73	94	138178	20.27	ng		98
11) bis(2-Chloroethyl)ether	6.80	93	99858	19.38	ng		98
12) 1,3-Dichlorobenzene	7.00	146	119968	19.65	ng		99
13) 1,4-Dichlorobenzene	7.08	146	133451	19.92	ng		98
14) 1,2-Dichlorobenzene	7.24	146	116725	18.94	ng		99
15) Benzyl Alcohol	7.22	79	74618	19.83	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.33	45	166156	18.95	ng		98
17) 2-Methylphenol	7.33	107	80541	19.54	ng		98
18) Hexachloroethane	7.58	117	43446	20.23	ng		96
19) n-Nitroso-di-n-propylamine	7.47	70	71384	24.19	ng		99
20) 3+4-Methylphenols	7.48	107	124995	21.00	ng		98
22) Acetophenone	7.47	105	155430	21.05	ng		99
24) Nitrobenzene	7.65	77	111732	18.33	ng		99
25) Isophorone	7.88	82	198444	19.27	ng		100
26) 2-Nitrophenol	7.97	139	55416	18.52	ng		94
27) 2,4-Dimethylphenol	8.01	122	110083	21.48	ng		97
28) bis(2-Chloroethoxy)methane	8.10	93	108523	19.03	ng		99
29) 2,4-Dichlorophenol	8.21	162	89031	20.52	ng		99
30) 1,2,4-Trichlorobenzene	8.29	180	106506	19.20	ng		100
31) Naphthalene	8.37	128	332710	19.54	ng		99
32) Benzoic acid	8.10	122	51023	26.75	ng		96
33) 4-Chloroaniline	8.43	127	139370	20.54	ng		99
34) Hexachlorobutadiene	8.49	225	49564	19.16	ng		96
35) Caprolactam	8.77	113	20294	23.19	ng	#	57
36) 4-Chloro-3-methylphenol	8.91	107	94213	21.08	ng		99
37) 2-Methylnaphthalene	9.06	142	200550	19.19	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	94492	18.47	ng		99
40) Hexachlorocyclopentadiene	9.22	237	49725	20.65	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.34	196	58776	19.95	ng		99
43) 2,4,5-Trichlorophenol	9.39	196	64091	19.91	ng		98
45) 1,1'-Biphenyl	9.53	154	260108	19.39	ng		99
46) 2-Chloronaphthalene	9.55	162	188477	19.07	ng		100
47) 2-Nitroaniline	9.65	65	44880	21.72	ng		98
48) Acenaphthylene	9.97	152	300612	18.37	ng		100
49) Dimethylphthalate	9.82	163	207062	19.24	ng		99
50) 2,6-Dinitrotoluene	9.89	165	41201	23.02	ng	#	41
51) Acenaphthene	10.14	154	195173	19.52	ng		100
52) 3-Nitroaniline	10.06	138	48668	22.57	ng		87
53) 2,4-Dinitrophenol	10.17	184	19863	25.15	ng		94
54) Dibenzofuran	10.32	168	280033	20.11	ng		98
55) 4-Nitrophenol	10.24	139	36316	22.85	ng		98
56) 2,4-Dinitrotoluene	10.29	165	65033	21.78	ng		98
57) Fluorene	10.66	166	212539	19.26	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.44	232	43962	22.56	ng		98
59) Diethylphthalate	10.52	149	200253	19.71	ng		100
60) 4-Chlorophenyl-phenylether	10.65	204	97080	19.65	ng		95
61) 4-Nitroaniline	10.68	138	51434	22.27	ng		99
62) Azobenzene	10.81	77	207538	20.29	ng	#	75
64) 4,6-Dinitro-2-methylphenol	10.70	198	26618	25.33	ng		98
65) n-Nitrosodiphenylamine	10.76	169	187637	19.86	ng		99
66) 4-Bromophenyl-phenylether	11.14	248	48658	18.51	ng		94
67) Hexachlorobenzene	11.21	284	60712	19.05	ng		95
68) Atrazine	11.29	200	42055	18.81	ng		84
69) Pentachlorophenol	11.41	266	25499	24.94	ng		96
70) Phenanthrene	11.62	178	287791	18.42	ng		99
71) Anthracene	11.68	178	285683	18.82	ng		98
72) Carbazole	11.84	167	250832	18.45	ng		99
73) Di-n-butylphthalate	12.15	149	293541	24.99	ng		100
74) Fluoranthene	12.83	202	276643	18.94	ng		95
76) Benzidine	12.96	184	126918	19.27	ng		99
77) Pyrene	13.07	202	294458	18.53	ng		99
79) Butylbenzylphthalate	13.71	149	98408	22.25	ng	#	75
80) Benzo(a)anthracene	14.37	228	260500	19.01	ng		99
81) 3,3'-Dichlorobenzidine	14.34	252	85575	19.77	ng		98
82) Chrysene	14.42	228	256578	18.69	ng		100
83) Bis(2-ethylhexyl)phthalate	14.34	149	151298	24.23	ng		100
84) Di-n-octyl phthalate	15.08	149	228095	24.48	ng		99
85) Indeno(1,2,3-cd)pyrene	17.65	276	277958	19.65	ng		100
87) Benzo(b)fluoranthene	15.61	252	255874	18.09	ng		98
88) Benzo(k)fluoranthene	15.64	252	261469m	21.35	ng		
89) Benzo(a)pyrene	16.01	252	237542	19.71	ng		98
90) Dibenzo(a,h)anthracene	17.67	278	231728	19.52	ng		97
91) Benzo(g,h,i)perylene	18.13	276	225298	18.80	ng		98

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

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