Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080678.D
Acq On : 27 Jul 2015 18:10
Operator : TP/UM
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
apatel
7/29/2015 10:40:06 AM

Quant Time: Jul 28 01:22:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 28 01:01:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	33578	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	103464	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	38532	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	49585	20.00	ng		0.00
75) Chrysene-d12	14.20	240	26248	20.00	ng		-0.05
86) Perylene-d12	15.83	264	12516	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	212865	106.47	ng		0.00
7) Phenol-d6	6.53	99	202110	86.44	ng		0.00
23) Nitrobenzene-d5	7.48	82	200870	98.39	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	28919	86.16	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	296335	114.86	ng		0.00
78) Terphenyl-d14	13.06	244	140760	112.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	43885	48.88	ng		96
3) Pyridine	3.26	79	103794	49.20	ng		99
4) n-Nitrosodimethylamine	3.17	42	74497	54.29	ng		98
6) Aniline	6.58	93	157135	46.78	ng		97
8) 2-Chlorophenol	6.70	128	100053	46.03	ng		96
9) Benzaldehyde	6.46	77	69264	44.34	ng		99
10) Phenol	6.54	94	118833	42.21	ng		95
11) bis(2-Chloroethyl)ether	6.65	93	87595	42.49	ng		99
12) 1,3-Dichlorobenzene	6.86	146	122235	51.05	ng		100
13) 1,4-Dichlorobenzene	6.94	146	116689	47.60	ng		100
14) 1,2-Dichlorobenzene	7.09	146	112438	46.73	ng		98
15) Benzyl Alcohol	7.06	79	86839	44.09	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	167573	46.76	ng		97
17) 2-Methylphenol	7.17	107	65948	38.74	ng	#	88
18) Hexachloroethane	7.44	117	38229	40.41	ng		96
19) n-Nitroso-di-n-propylamine	7.33	70	64532	38.45	ng	#	74
20) 3+4-Methylphenols	7.32	107	92260	41.52	ng		94
22) Acetophenone	7.33	105	125425	46.89	ng		99
24) Nitrobenzene	7.50	77	96405	47.16	ng		97
25) Isophorone	7.74	82	152852	43.05	ng		99
26) 2-Nitrophenol	7.82	139	39714	52.79	ng		98
27) 2,4-Dimethylphenol	7.86	122	70459m	47.03	ng		
28) bis(2-Chloroethoxy)methane	7.95	93	93762	45.70	ng		99
29) 2,4-Dichlorophenol	8.06	162	61026	43.56	ng	#	83
30) 1,2,4-Trichlorobenzene	8.16	180	77924	46.15	ng		99
31) Naphthalene	8.24	128	233148	45.28	ng		99
32) Benzoic acid	7.90	122	35111m	44.83	ng		
33) 4-Chloroaniline	8.28	127	82790	37.41	ng		98
34) Hexachlorobutadiene	8.35	225	48512	42.38	ng		91
35) Caprolactam	8.60	113	12454	32.47	ng	#	84
36) 4-Chloro-3-methylphenol	8.75	107	63522	42.36	ng		97
37) 2-Methylnaphthalene	8.92	142	157241	43.53	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	67155	58.53	ng		99
40) Hexachlorocyclopentadiene	9.08	237	43200	62.84	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	44957	57.95	ng		95
43) 2,4,5-Trichlorophenol	9.23	196	41016	51.21	ng		98
45) 1,1'-Biphenyl	9.39	154	150377	54.67	ng		98
46) 2-Chloronaphthalene	9.41	162	130777	56.57	ng		96
47) 2-Nitroaniline	9.49	65	30793	45.56	ng		95
48) Acenaphthylene	9.82	152	198887	51.68	ng		100
49) Dimethylphthalate	9.68	163	114370	42.36	ng		98
50) 2,6-Dinitrotoluene	9.74	165	21758	44.66	ng		90
51) Acenaphthene	10.00	154	111681	48.24	ng		98
52) 3-Nitroaniline	9.90	138	24396	42.50	ng		95
53) 2,4-Dinitrophenol	10.01	184	5776	30.52	ng	#	56
54) Dibenzofuran	10.17	168	153985	46.69	ng		99
55) 4-Nitrophenol	10.05	139	16514	37.40	ng		94
56) 2,4-Dinitrotoluene	10.14	165	23876	37.96	ng		96
57) Fluorene	10.51	166	115566	44.77	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	26307	42.27	ng	#	86
59) Diethylphthalate	10.38	149	103344	38.99	ng		100
60) 4-Chlorophenyl-phenylether	10.51	204	49204	42.92	ng		94
61) 4-Nitroaniline	10.51	138	20471	37.56	ng		95
62) Azobenzene	10.66	77	100828	39.57	ng		98
64) 4,6-Dinitro-2-methylphenol	10.54	198	9007	40.48	ng		91
65) n-Nitrosodiphenylamine	10.61	169	81253	52.94	ng		98
66) 4-Bromophenyl-phenylether	11.00	248	25358	54.21	ng		96
67) Hexachlorobenzene	11.06	284	29096	51.37	ng		91
68) Atrazine	11.14	200	14365	33.59	ng		95
69) Pentachlorophenol	11.25	266	10469	38.13	ng		93
70) Phenanthrene	11.47	178	128835	47.10	ng		99
71) Anthracene	11.53	178	124222	47.23	ng		97
72) Carbazole	11.68	167	105267	45.00	ng		96
73) Di-n-butylphthalate	12.02	149	107870	37.66	ng		98
74) Fluoranthene	12.67	202	102458	39.79	ng		98
76) Benzidine	12.80	184	33481	39.10	ng		99
77) Pyrene	12.91	202	96032	56.00	ng		99
79) Butylbenzylphthalate	13.57	149	28163	41.22	ng	#	82
80) Benzo(a)anthracene	14.19	228	66751	43.86	ng		96
81) 3,3'-Dichlorobenzidine	14.16	252	17529	36.44	ng		98
82) Chrysene	14.24	228	67238	46.99	ng		96
83) Bis(2-ethylhexyl)phthalate	14.20	149	35332	34.98	ng	#	99
84) Di-n-octyl phthalate	14.93	149	42584	26.79	ng		99
85) Indeno(1,2,3-cd)pyrene	17.31	276	27998	18.51	ng		99
87) Benzo(b)fluoranthene	15.39	252	39976m	49.93	ng		
88) Benzo(k)fluoranthene	15.43	252	42948m	63.64	ng		
89) Benzo(a)pyrene	15.77	252	35046	50.90	ng	#	95
90) Dibenzo(a,h)anthracene	17.33	278	22359	32.54	ng		97
91) Benzo(g,h,i)perylene	17.75	276	21440	30.80	ng		96

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

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