Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
Data File : BF080539.D
Acq On : 17 Jul 2015 17:59
Operator : TP/UM
Sample : SSTDICC025
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
apatel
7/20/2015 3:43:48 PM

Quant Time: Jul 18 00:00:55 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 23:13:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	43750	20.00	ng		0.00
21) Naphthalene-d8	8.35	136	183568	20.00	ng		0.00
38) Acenaphthene-d10	10.11	164	83268	20.00	ng		0.00
63) Phenanthrene-d10	11.60	188	142881	20.00	ng		0.00
75) Chrysene-d12	14.47	240	116850	20.00	ng		0.11
86) Perylene-d12	16.23	264	109605	20.00	ng		0.22
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	138968	53.72	ng		0.01
7) Phenol-d6	6.70	99	172038	50.02	ng		0.00
23) Nitrobenzene-d5	7.63	82	156202	50.64	ng		0.00
41) 2,4,6-Tribromophenol	10.90	330	40623	61.41	ng		0.00
44) 2-Fluorobiphenyl	9.42	172	297709	48.98	ng		0.00
78) Terphenyl-d14	13.24	244	294152	52.78	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	26301	21.22	ng		94
3) Pyridine	3.74	79	55381m	21.06	ng		
4) n-Nitrosodimethylamine	3.55	42	40133	25.29	ng		97
6) Aniline	6.74	93	111263	25.10	ng		96
8) 2-Chlorophenol	6.86	128	74365	26.03	ng	#	76
9) Benzaldehyde	6.62	77	48151	21.34	ng		97
10) Phenol	6.73	94	94153	25.40	ng		93
11) bis(2-Chloroethyl)ether	6.80	93	64835	23.92	ng		99
12) 1,3-Dichlorobenzene	7.00	146	80470	22.63	ng		97
13) 1,4-Dichlorobenzene	7.08	146	94915	25.56	ng		98
14) 1,2-Dichlorobenzene	7.24	146	84976	25.92	ng		100
15) Benzyl Alcohol	7.22	79	50917	21.80	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.33	45	126370	26.18	ng		92
17) 2-Methylphenol	7.33	107	57135	25.17	ng		98
18) Hexachloroethane	7.58	117	29320	26.47	ng		96
19) n-Nitroso-di-n-propylamine	7.47	70	44917	21.64	ng		97
20) 3+4-Methylphenols	7.48	107	85011	27.37	ng		91
22) Acetophenone	7.47	105	101647	25.40	ng		99
24) Nitrobenzene	7.65	77	76350	24.31	ng		99
25) Isophorone	7.88	82	136842	25.15	ng		99
26) 2-Nitrophenol	7.97	139	38911	28.06	ng		97
27) 2,4-Dimethylphenol	8.01	122	72448	27.35	ng		99
28) bis(2-Chloroethoxy)methane	8.10	93	74121	23.48	ng		98
29) 2,4-Dichlorophenol	8.21	162	57177	24.13	ng		95
30) 1,2,4-Trichlorobenzene	8.29	180	72341	25.94	ng		99
31) Naphthalene	8.37	128	234333	25.88	ng		99
32) Benzoic acid	8.09	122	24755	18.54	ng		92
33) 4-Chloroaniline	8.43	127	95196	27.07	ng		96
34) Hexachlorobutadiene	8.49	225	33143	21.22	ng		97
35) Caprolactam	8.76	113	13713	24.30	ng	#	83
36) 4-Chloro-3-methylphenol	8.91	107	60683	23.98	ng		98
37) 2-Methylnaphthalene	9.06	142	133376	24.78	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	64375	24.28	ng		99
40) Hexachlorocyclopentadiene	9.22	237	30231	23.51	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.34	196	38728	24.31	ng		98
43) 2,4,5-Trichlorophenol	9.39	196	42307	25.16	ng	#	95
45) 1,1'-Biphenyl	9.53	154	170809	25.08	ng		100
46) 2-Chloronaphthalene	9.55	162	134764	26.34	ng		99
47) 2-Nitroaniline	9.65	65	31054	24.07	ng		98
48) Acenaphthylene	9.97	152	218334	25.91	ng		100
49) Dimethylphthalate	9.82	163	137510	24.37	ng		99
50) 2,6-Dinitrotoluene	9.89	165	28549	25.76	ng	#	46
51) Acenaphthene	10.14	154	125635	24.93	ng		99
52) 3-Nitroaniline	10.06	138	32086	26.04	ng		93
53) 2,4-Dinitrophenol	10.18	184	10231	21.50	ng	#	72
54) Dibenzofuran	10.32	168	174102	24.07	ng		99
55) 4-Nitrophenol	10.25	139	20653	23.41	ng	#	69
56) 2,4-Dinitrotoluene	10.29	165	39643	24.83	ng		95
57) Fluorene	10.66	166	143146	25.17	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.44	232	29281	23.84	ng		96
59) Diethylphthalate	10.52	149	134771	25.19	ng		99
60) 4-Chlorophenyl-phenylether	10.65	204	62003	24.36	ng		96
61) 4-Nitroaniline	10.68	138	34784	28.49	ng		97
62) Azobenzene	10.80	77	135246	24.44	ng		99
64) 4,6-Dinitro-2-methylphenol	10.70	198	15919	23.48	ng		97
65) n-Nitrosodiphenylamine	10.76	169	129217	26.82	ng		99
66) 4-Bromophenyl-phenylether	11.14	248	34499	25.19	ng	#	93
67) Hexachlorobenzene	11.21	284	43933	28.59	ng		97
68) Atrazine	11.29	200	29502	22.87	ng		81
69) Pentachlorophenol	11.41	266	15534	22.03	ng		97
70) Phenanthrene	11.62	178	196926	24.70	ng		99
71) Anthracene	11.68	178	209421	27.69	ng		98
72) Carbazole	11.84	167	188528	28.32	ng		100
73) Di-n-butylphthalate	12.14	149	167484	22.06	ng	#	97
74) Fluoranthene	12.85	202	189362	25.46	ng		95
76) Benzidine	12.99	184	83342	22.52	ng		98
77) Pyrene	13.09	202	207846	27.56	ng		99
79) Butylbenzylphthalate	13.77	149	58809	22.06	ng	#	65
80) Benzo(a)anthracene	14.45	228	168527	25.85	ng		100
81) 3,3'-Dichlorobenzidine	14.42	252	52105	24.71	ng		97
82) Chrysene	14.50	228	170278	26.83	ng		100
83) Bis(2-ethylhexyl)phthalate	14.43	149	93373	23.71	ng	#	98
84) Di-n-octyl phthalate	15.21	149	131135	22.23	ng		99
85) Indeno(1,2,3-cd)pyrene	17.81	276	169763	22.27	ng		99
87) Benzo(b)fluoranthene	15.75	252	178815	28.24	ng	#	97
88) Benzo(k)fluoranthene	15.78	252	139931m	21.65	ng		
89) Benzo(a)pyrene	16.16	252	153342	25.99	ng		97
90) Dibenzo(a,h)anthracene	17.83	278	142947	22.23	ng		100
91) Benzo(g,h,i)perylene	18.29	276	138778	20.85	ng		96

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

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