Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
Data File : BF080344.D
Acq On : 6 Jul 2015 14:16
Operator : TP/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
apatel
7/7/2015 4:25:17 PM

Quant Time: Jul 07 02:16:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 01:48:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	42569	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	163363	20.00	ng		0.00
38) Acenaphthene-d10	10.29	164	77690	20.00	ng		0.00
63) Phenanthrene-d10	11.80	188	164578	20.00	ng		0.01
75) Chrysene-d12	14.88	240	178923	20.00	ng		0.14
86) Perylene-d12	16.82	264	169706	20.00	ng		0.26
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	114936	46.86	ng		0.00
7) Phenol-d6	6.83	99	156718	47.71	ng		0.00
23) Nitrobenzene-d5	7.79	82	136251	45.54	ng		0.00
41) 2,4,6-Tribromophenol	11.08	330	43596	57.48	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	308840	56.20	ng		0.00
78) Terphenyl-d14	13.55	244	408422	53.25	ng		0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	27333	62.13	ng		97
3) Pyridine	3.87	79	71671	24.28	ng		96
4) n-Nitrosodimethylamine	3.77	42	32413	24.15	ng	#	99
6) Aniline	6.89	93	103249	23.38	ng		98
8) 2-Chlorophenol	7.01	128	67948	24.90	ng		98
9) Benzaldehyde	6.77	77	47180	25.83	ng		100
10) Phenol	6.84	94	83134	23.00	ng		77
11) bis(2-Chloroethyl)ether	6.94	93	67450	24.91	ng		97
12) 1,3-Dichlorobenzene	7.17	146	83775	25.10	ng		99
13) 1,4-Dichlorobenzene	7.24	146	77679m	23.77	ng		
14) 1,2-Dichlorobenzene	7.40	146	81519	25.00	ng		99
15) Benzyl Alcohol	7.36	79	63136	24.92	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.49	45	102324	24.16	ng		99
17) 2-Methylphenol	7.46	107	52488	22.75	ng	#	89
18) Hexachloroethane	7.76	117	24475	23.83	ng		96
19) n-Nitroso-di-n-propylamine	7.62	70	47682	21.82	ng	#	79
20) 3+4-Methylphenols	7.62	107	72239	23.34	ng		95
22) Acetophenone	7.63	105	98955	25.81	ng	#	97
24) Nitrobenzene	7.80	77	74162	24.54	ng		96
25) Isophorone	8.04	82	141981	24.75	ng		99
26) 2-Nitrophenol	8.13	139	30005	22.53	ng		98
27) 2,4-Dimethylphenol	8.16	122	59866	24.28	ng		95
28) bis(2-Chloroethoxy)methane	8.25	93	90128	25.92	ng		99
29) 2,4-Dichlorophenol	8.37	162	52981	23.43	ng		97
30) 1,2,4-Trichlorobenzene	8.46	180	63113	23.78	ng		97
31) Naphthalene	8.54	128	208391m	24.72	ng		
32) Benzoic acid	8.20	122	23036	32.48	ng		93
33) 4-Chloroaniline	8.58	127	88186m	25.07	ng		
34) Hexachlorobutadiene	8.66	225	39316	23.56	ng		100
35) Caprolactam	8.91	113	16555	23.88	ng		88
36) 4-Chloro-3-methylphenol	9.05	107	56037	23.09	ng		96
37) 2-Methylnaphthalene	9.23	142	132774	23.32	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	63924	24.72	ng		99
40) Hexachlorocyclopentadiene	9.39	237	19910	23.31	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	40967	24.69	ng		100
43) 2,4,5-Trichlorophenol	9.55	196	49205	27.23	ng		96
45) 1,1'-Biphenyl	9.70	154	182773	27.19	ng		99
46) 2-Chloronaphthalene	9.73	162	129679	24.97	ng		98
47) 2-Nitroaniline	9.81	65	39246	26.28	ng		96
48) Acenaphthylene	10.14	152	222468	24.96	ng		99
49) Dimethylphthalate	9.98	163	164227	27.70	ng		99
50) 2,6-Dinitrotoluene	10.05	165	34037	27.37	ng		88
51) Acenaphthene	10.33	154	132907	25.64	ng		98
52) 3-Nitroaniline	10.22	138	39405	27.64	ng		93
53) 2,4-Dinitrophenol	10.33	184	10933	31.63	ng	#	1
54) Dibenzofuran	10.50	168	189054	25.82	ng		99
55) 4-Nitrophenol	10.37	139	25967	24.24	ng		98
56) 2,4-Dinitrotoluene	10.46	165	40014	25.11	ng		92
57) Fluorene	10.84	166	167030	27.33	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.61	232	38422	27.22	ng		98
59) Diethylphthalate	10.69	149	172894	29.68	ng		99
60) 4-Chlorophenyl-phenylether	10.83	204	72691	26.38	ng		99
61) 4-Nitroaniline	10.83	138	34862	23.95	ng	#	71
62) Azobenzene	10.99	77	147306	25.04	ng		96
64) 4,6-Dinitro-2-methylphenol	10.88	198	19121	26.72	ng		89
65) n-Nitrosodiphenylamine	10.94	169	127245	23.39	ng		99
66) 4-Bromophenyl-phenylether	11.32	248	48835	26.91	ng		95
67) Hexachlorobenzene	11.40	284	50698	26.08	ng	#	90
68) Atrazine	11.46	200	40100	24.54	ng		98
69) Pentachlorophenol	11.60	266	24365	27.14	ng		97
70) Phenanthrene	11.82	178	258070	26.15	ng		100
71) Anthracene	11.88	178	246435	25.59	ng		99
72) Carbazole	12.03	167	222018	24.78	ng		98
73) Di-n-butylphthalate	12.37	149	259515	26.86	ng		99
74) Fluoranthene	13.12	202	262507	25.55	ng		97
76) Benzidine	13.25	184	111584	21.32	ng		96
77) Pyrene	13.39	202	282211	24.58	ng		99
79) Butylbenzylphthalate	14.12	149	110454	24.69	ng	#	85
80) Benzo(a)anthracene	14.87	228	275676	25.24	ng		100
81) 3,3'-Dichlorobenzidine	14.81	252	90961	25.28	ng	#	97
82) Chrysene	14.91	228	256008	25.34	ng		99
83) Bis(2-ethylhexyl)phthalate	14.87	149	172833	27.14	ng		100
84) Di-n-octyl phthalate	15.72	149	277837	26.00	ng		98
85) Indeno(1,2,3-cd)pyrene	18.60	276	295619	25.62	ng		99
87) Benzo(b)fluoranthene	16.29	252	257824	23.79	ng	#	96
88) Benzo(k)fluoranthene	16.33	252	273082	26.58	ng	#	97
89) Benzo(a)pyrene	16.74	252	248707	25.11	ng		98
90) Dibenzo(a,h)anthracene	18.63	278	239220	25.40	ng		97
91) Benzo(g,h,i)perylene	19.14	276	244411	25.04	ng		99

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

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