Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080809.D
Acq On : 3 Aug 2015 19:24
Operator : TP
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
MMDadoda
8/5/2015 2:27:12 PM

Quant Time: Aug 04 01:34:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 01:06:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	232125	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	926219	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	450542	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	737343	20.00	ng		0.00
75) Chrysene-d12	13.97	240	517171	20.00	ng		-0.01
86) Perylene-d12	15.39	264	442995	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	312591	22.66	ng		-0.01
7) Phenol-d6	6.45	99	424752	23.31	ng		-0.01
23) Nitrobenzene-d5	7.39	82	389449	20.73	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	92680	19.89	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	694609	23.18	ng		0.00
78) Terphenyl-d14	12.93	244	610993	23.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	77866	11.59	ng		99
3) Pyridine	3.21	79	226806	12.33	ng		100
4) n-Nitrosodimethylamine	3.13	42	101121	9.68	ng		98
6) Aniline	6.49	93	301787	11.44	ng		99
8) 2-Chlorophenol	6.61	128	181115	11.95	ng		86
9) Benzaldehyde	6.37	77	141539	12.25	ng		87
10) Phenol	6.46	94	237905	11.57	ng		92
11) bis(2-Chloroethyl)ether	6.57	93	191937	12.38	ng		96
12) 1,3-Dichlorobenzene	6.77	146	206858	12.36	ng		95
13) 1,4-Dichlorobenzene	6.85	146	208087	12.17	ng		96
14) 1,2-Dichlorobenzene	7.00	146	190739m	12.14	ng		
15) Benzyl Alcohol	6.97	79	137501	9.30	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	362246	11.26	ng		99
17) 2-Methylphenol	7.08	107	157081	12.47	ng		97
18) Hexachloroethane	7.34	117	69940	10.92	ng		93
19) n-Nitroso-di-n-propylamine	7.24	70	143523	11.77	ng		98
20) 3+4-Methylphenols	7.24	107	192615	12.75	ng	#	59
22) Acetophenone	7.24	105	263314	11.60	ng		96
24) Nitrobenzene	7.41	77	219157	11.21	ng		94
25) Isophorone	7.65	82	383305	11.24	ng		98
26) 2-Nitrophenol	7.73	139	92547m	11.98	ng		
27) 2,4-Dimethylphenol	7.77	122	179448	12.05	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	238115	11.97	ng		98
29) 2,4-Dichlorophenol	7.97	162	144971	11.25	ng		91
30) 1,2,4-Trichlorobenzene	8.05	180	148960	10.46	ng	#	96
31) Naphthalene	8.13	128	490116	10.46	ng		99
32) Benzoic acid	7.84	122	89310	9.19	ng		97
33) 4-Chloroaniline	8.19	127	214454	10.96	ng	#	90
34) Hexachlorobutadiene	8.26	225	95161	10.49	ng		98
35) Caprolactam	8.52	113	38979	10.06	ng	#	42
36) 4-Chloro-3-methylphenol	8.66	107	150451	10.57	ng		97
37) 2-Methylnaphthalene	8.83	142	332610	11.54	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	143473	9.96	ng		98
40) Hexachlorocyclopentadiene	8.98	237	80334	9.12	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	110950m	11.25	ng		
43) 2,4,5-Trichlorophenol	9.14	196	109131m	11.17	ng		
45) 1,1'-Biphenyl	9.29	154	362303	10.33	ng		95
46) 2-Chloronaphthalene	9.31	162	291960	10.22	ng		93
47) 2-Nitroaniline	9.40	65	101992	9.29	ng	#	82
48) Acenaphthylene	9.72	152	477592	10.65	ng		98
49) Dimethylphthalate	9.60	163	316368	10.11	ng	#	97
50) 2,6-Dinitrotoluene	9.65	165	72045	10.82	ng	#	61
51) Acenaphthene	9.90	154	287636	10.54	ng		99
52) 3-Nitroaniline	9.81	138	83918	10.73	ng		94
53) 2,4-Dinitrophenol	9.92	184	29910	8.16	ng	#	52
54) Dibenzofuran	10.08	168	389205	10.66	ng		91
55) 4-Nitrophenol	9.97	139	56602	10.08	ng	#	66
56) 2,4-Dinitrotoluene	10.05	165	89064	10.30	ng	#	60
57) Fluorene	10.42	166	305955	10.73	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.19	232	82386	11.30	ng		91
59) Diethylphthalate	10.29	149	320841	10.60	ng		96
60) 4-Chlorophenyl-phenylether	10.41	204	149809	11.14	ng		92
61) 4-Nitroaniline	10.42	138	73939	10.66	ng		96
62) Azobenzene	10.57	77	360904	10.81	ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	47530	10.40	ng	#	68
65) n-Nitrosodiphenylamine	10.52	169	281249	11.44	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	94476	12.50	ng	#	89
67) Hexachlorobenzene	10.96	284	96045	10.77	ng	#	68
68) Atrazine	11.05	200	70171	11.91	ng		95
69) Pentachlorophenol	11.15	266	55218	10.57	ng		96
70) Phenanthrene	11.37	178	420682	11.19	ng		99
71) Anthracene	11.42	178	459339	12.67	ng		97
72) Carbazole	11.57	167	356500	11.08	ng	#	97
73) Di-n-butylphthalate	11.92	149	474104	12.26	ng		98
74) Fluoranthene	12.56	202	440521	12.44	ng		96
76) Benzidine	12.68	184	212834	11.63	ng		97
77) Pyrene	12.79	202	447700	11.44	ng		96
79) Butylbenzylphthalate	13.41	149	152227	10.06	ng		92
80) Benzo(a)anthracene	13.96	228	325589	10.61	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	111366	10.44	ng	#	98
82) Chrysene	14.01	228	328909	11.04	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	201576	10.32	ng		100
84) Di-n-octyl phthalate	14.58	149	309500	9.55	ng		99
85) Indeno(1,2,3-cd)pyrene	16.75	276	246309	9.95	ng		97
87) Benzo(b)fluoranthene	14.99	252	294013m	11.16	ng		
88) Benzo(k)fluoranthene	15.01	252	234352m	10.63	ng		
89) Benzo(a)pyrene	15.33	252	237509	10.88	ng	#	97
90) Dibenzo(a,h)anthracene	16.77	278	207095	10.46	ng		96
91) Benzo(g,h,i)perylene	17.16	276	206768	10.54	ng	#	94

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

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