Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087307.D
Acq On : 23 May 2016 18:50
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
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5/24/2016 7:39:15 PM

Quant Time: May 24 01:20:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 00:59:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	168773	20.00	ng		0.00
21) Naphthalene-d8	9.64	136	698912	20.00	ng		0.00
38) Acenaphthene-d10	12.48	164	331916	20.00	ng		0.00
63) Phenanthrene-d10	14.88	188	631431	20.00	ng		0.00
75) Chrysene-d12	18.56	240	537997	20.00	ng		0.00
86) Perylene-d12	20.22	264	442261	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	191207	18.99	ng		0.01
7) Phenol-d6	7.14	99	275060	20.56	ng		-0.02
23) Nitrobenzene-d5	8.52	82	291739	20.64	ng		-0.01
41) 2,4,6-Tribromophenol	13.77	330	63987	17.90	ng		-0.01
44) 2-Fluorobiphenyl	11.42	172	501166	24.57	ng		-0.01
78) Terphenyl-d14	17.21	244	518885	21.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	58368	11.40	ng	#	89
3) Pyridine	2.60	79	92255	7.54	ng	#	63
4) n-Nitrosodimethylamine	2.54	42	76827	8.80	ng	#	48
6) Aniline	7.12	93	169266	9.88	ng		90
8) 2-Chlorophenol	7.29	128	124225	10.21	ng		88
9) Benzaldehyde	6.95	77	87187	11.47	ng		96
10) Phenol	7.16	94	161097	9.90	ng	#	72
11) bis(2-Chloroethyl)ether	7.24	93	118494	9.33	ng		88
12) 1,3-Dichlorobenzene	7.51	146	135828	10.51	ng	#	91
13) 1,4-Dichlorobenzene	7.64	146	139347	10.50	ng		97
14) 1,2-Dichlorobenzene	7.87	146	131009	11.08	ng		99
15) Benzyl Alcohol	7.92	79	93718	9.41	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.09	45	270845	10.35	ng		85
17) 2-Methylphenol	8.11	107	98524	9.91	ng	#	80
18) Hexachloroethane	8.39	117	51396	10.18	ng		94
19) n-Nitroso-di-n-propylamine	8.32	70	98033	9.74	ng	#	76
20) 3+4-Methylphenols	8.39	107	118429	9.10	ng	#	63
22) Acetophenone	8.30	105	164635	9.67	ng	#	97
24) Nitrobenzene	8.56	77	148400	9.77	ng		98
25) Isophorone	8.95	82	257276	10.04	ng		97
26) 2-Nitrophenol	9.07	139	58610	9.20	ng	#	82
27) 2,4-Dimethylphenol	9.20	122	106169	9.80	ng		92
28) bis(2-Chloroethoxy)methane	9.32	93	144594	10.39	ng		98
29) 2,4-Dichlorophenol	9.48	162	96040	9.99	ng		93
30) 1,2,4-Trichlorobenzene	9.56	180	111112	10.39	ng		98
31) Naphthalene	9.68	128	369358	10.75	ng		99
32) Benzoic acid	9.45	122	36336	5.82	ng	#	73
33) 4-Chloroaniline	9.83	127	136859	9.78	ng		95
34) Hexachlorobutadiene	9.88	225	66191	10.78	ng		100
35) Caprolactam	10.40	113	27473	9.07	ng	#	60
36) 4-Chloro-3-methylphenol	10.67	107	106736	9.28	ng		96
37) 2-Methylnaphthalene	10.80	142	237146	10.79	ng		96
39) 1,2,4,5-Tetrachlorobenzene	11.07	216	110615	11.13	ng		99
40) Hexachlorocyclopentadiene	11.05	237	16069	5.22	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	61055	9.69	ng		93
43) 2,4,5-Trichlorophenol	11.39	196	62331	9.61	ng	#	94
45) 1,1'-Biphenyl	11.58	154	304317	10.99	ng		98
46) 2-Chloronaphthalene	11.59	162	226627	10.63	ng		96
47) 2-Nitroaniline	11.81	65	76154	9.47	ng	#	77
48) Acenaphthylene	12.24	152	362506	11.05	ng		97
49) Dimethylphthalate	12.11	163	273957	10.72	ng		100
50) 2,6-Dinitrotoluene	12.21	165	55793	10.29	ng	#	76
51) Acenaphthene	12.53	154	222936	10.90	ng		98
52) 3-Nitroaniline	12.49	138	56371	9.60	ng	#	93
53) 2,4-Dinitrophenol	12.72	184	11960	4.48	ng	#	76
54) Dibenzofuran	12.81	168	299905	11.27	ng		95
55) 4-Nitrophenol	12.91	139	20366	8.10	ng	#	65
56) 2,4-Dinitrotoluene	12.88	165	71968	10.19	ng		92
57) Fluorene	13.37	166	261537	11.99	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.05	232	48030	9.47	ng	#	97
59) Diethylphthalate	13.26	149	269775	11.19	ng		99
60) 4-Chlorophenyl-phenylether	13.39	204	125873	12.47	ng		91
61) 4-Nitroaniline	13.47	138	51255	8.96	ng	#	65
62) Azobenzene	13.65	77	263577	9.49	ng		86
64) 4,6-Dinitro-2-methylphenol	13.54	198	30921	7.44	ng	#	69
65) n-Nitrosodiphenylamine	13.60	169	209332	10.53	ng		99
66) 4-Bromophenyl-phenylether	14.18	248	73496	11.06	ng		92
67) Hexachlorobenzene	14.25	284	75217	10.12	ng	#	78
68) Atrazine	14.51	200	72685	11.24	ng		93
69) Pentachlorophenol	14.63	266	10902	4.08	ng		93
70) Phenanthrene	14.91	178	373691	10.95	ng		99
71) Anthracene	14.99	178	382696	10.85	ng		98
72) Carbazole	15.29	167	322077	10.29	ng		99
73) Di-n-butylphthalate	15.85	149	410199	11.18	ng	#	98
74) Fluoranthene	16.66	202	374696	10.81	ng		96
76) Benzidine	16.89	184	157094	11.09	ng		97
77) Pyrene	16.97	202	392999	10.14	ng		99
79) Butylbenzylphthalate	17.87	149	163606	9.94	ng	#	81
80) Benzo(a)anthracene	18.55	228	320965	10.25	ng		98
81) 3,3'-Dichlorobenzidine	18.53	252	183497	9.45	ng		99
82) Chrysene	18.59	228	321236	10.67	ng		99
83) Bis(2-ethylhexyl)phthalate	18.62	149	252825	12.19	ng		97
84) Di-n-octyl phthalate	19.38	149	383299	10.78	ng	#	85
85) Indeno(1,2,3-cd)pyrene	21.49	276	243472	9.28	ng		94
87) Benzo(b)fluoranthene	19.82	252	249002m	8.24	ng		
88) Benzo(k)fluoranthene	19.85	252	292323m	13.83	ng		
89) Benzo(a)pyrene	20.17	252	244553	10.02	ng		98
90) Dibenzo(a,h)anthracene	21.50	278	204153	9.86	ng		95
91) Benzo(g,h,i)perylene	21.86	276	193129	9.30	ng	#	92

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

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