Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096376.D
Acq On : 1 Jul 2017 13:56
Operator : SJ/MA
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
7/3/2017 4:02:36 PM

Quant Time: Jul 01 14:32:43 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 14:08:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	151575	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	644889	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	301207	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	484693	20.00	ng	0.00
75) Chrysene-d12	13.89	240	268560	20.00	ng	0.00
86) Perylene-d12	15.29	264	250543	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1541225	148.54	ng	0.00
7) Phenol-d6	6.39	99	1719832	132.93	ng	0.01
23) Nitrobenzene-d5	7.31	82	1528937	139.91	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	315196	130.43	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2286021	118.27	ng	0.00
78) Terphenyl-d14	12.84	244	1840328	144.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	408505	84.575	ng	# 79
3) Pyridine	3.14	79	1147482	86.950	ng	# 68
4) n-Nitrosodimethylamine	3.10	42	573791	88.296	ng	90
6) Aniline	6.41	93	1110572	66.408	ng	# 91
8) 2-Chlorophenol	6.53	128	751957	67.079	ng	97
9) Benzaldehyde	6.29	77	520198	63.951	ng	98
10) Phenol	6.40	94	985992	66.956	ng	84
11) bis(2-Chloroethyl)ether	6.49	93	778836	68.649	ng	93
12) 1,3-Dichlorobenzene	6.68	146	827196	70.863	ng	99
13) 1,4-Dichlorobenzene	6.76	146	831426	71.319	ng	95
14) 1,2-Dichlorobenzene	6.92	146	710889	65.743	ng	98
15) Benzyl Alcohol	6.89	79	567084	65.449	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1581182	68.543	ng	92
17) 2-Methylphenol	7.00	107	642814	72.692	ng	98
18) Hexachloroethane	7.26	117	305456	72.417	ng	# 84
19) n-Nitroso-di-n-propylamine	7.17	70	536861	70.120	ng	# 85
20) 3+4-Methylphenols	7.16	107	670227	64.052	ng	93
22) Acetophenone	7.16	105	967350	67.065	ng	# 94
24) Nitrobenzene	7.33	77	795173	69.276	ng	92
25) Isophorone	7.57	82	1512872	71.618	ng	95
26) 2-Nitrophenol	7.64	139	454594	75.701	ng	# 87
27) 2,4-Dimethylphenol	7.69	122	732414	71.027	ng	96
28) bis(2-Chloroethoxy)methane	7.78	93	957540	68.248	ng	99
29) 2,4-Dichlorophenol	7.89	162	640050	72.078	ng	97
30) 1,2,4-Trichlorobenzene	7.97	180	600092	71.575	ng	97
31) Naphthalene	8.05	128	2122223	68.244	ng	99
32) Benzoic acid	7.85	122	673918	78.902	ng	90
33) 4-Chloroaniline	8.09	127	862674	66.584	ng	98
34) Hexachlorobutadiene	8.17	225	303777	70.504	ng	98
35) Caprolactam	8.50	113	264862m	89.176	ng	
36) 4-Chloro-3-methylphenol	8.59	107	754748	77.579	ng	89
37) 2-Methylnaphthalene	8.74	142	1418682	72.183	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	510529	63.335	ng	99
40) Hexachlorocyclopentadiene	8.89	237	289120	75.405	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	452433	72.095	ng		98
43) 2,4,5-Trichlorophenol	9.06	196	432955	69.441	ng		99
45) 1,1'-Biphenyl	9.20	154	1659617	62.270	ng		97
46) 2-Chloronaphthalene	9.23	162	1288705	65.238	ng	#	92
47) 2-Nitroaniline	9.32	65	527141	74.598	ng		97
48) Acenaphthylene	9.64	152	2041816	65.231	ng		100
49) Dimethylphthalate	9.51	163	1604353	70.088	ng		100
50) 2,6-Dinitrotoluene	9.57	165	366103	72.664	ng	#	91
51) Acenaphthene	9.81	154	1274897	66.193	ng		99
52) 3-Nitroaniline	9.73	138	455110	72.386	ng		94
53) 2,4-Dinitrophenol	9.84	184	224210	85.949	ng	#	67
54) Dibenzofuran	9.98	168	1613239	63.080	ng		98
55) 4-Nitrophenol	9.90	139	392646	75.814	ng	#	71
56) 2,4-Dinitrotoluene	9.97	165	456957	71.464	ng	#	72
57) Fluorene	10.33	166	1128266	58.281	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	300530	69.702	ng		98
59) Diethylphthalate	10.20	149	1468373	67.554	ng		99
61) 4-Nitroaniline	10.35	138	425181	74.682	ng		90
62) Azobenzene	10.47	77	1441850	68.751	ng		95
64) 4,6-Dinitro-2-methylphenol	10.38	198	270100	80.964	ng		91
65) n-Nitrosodiphenylamine	10.44	169	1184233	68.163	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	334006	69.457	ng		96
67) Hexachlorobenzene	10.87	284	361325	68.522	ng	#	88
68) Atrazine	10.97	200	335543	67.524	ng		94
69) Pentachlorophenol	11.06	266	238463	77.560	ng		99
70) Phenanthrene	11.28	178	1732660	64.271	ng		99
71) Anthracene	11.33	178	1773868	64.611	ng		99
72) Carbazole	11.49	167	1792905	64.980	ng		99
73) Di-n-butylphthalate	11.82	149	2165382	64.768	ng		100
74) Fluoranthene	12.46	202	1688900	63.848	ng		97
76) Benzidine	12.58	184	927560	70.797	ng		98
77) Pyrene	12.69	202	1714616	79.464	ng		100
79) Butylbenzylphthalate	13.31	149	886471	81.446	ng	#	76
80) Benzo(a)anthracene	13.87	228	1117452	70.654	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	463108	71.387	ng	#	97
82) Chrysene	13.92	228	1208840	73.343	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	862560	69.484	ng		98
84) Di-n-octyl phthalate	14.48	149	1813198	74.903	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.67	276	1106409	87.167	ng		95
87) Benzo(b)fluoranthene	14.89	252	1236884	78.589	ng		97
88) Benzo(k)fluoranthene	14.92	252	934744	64.751	ng		97
89) Benzo(a)pyrene	15.24	252	1039911	73.308	ng		98
90) Dibenzo(a,h)anthracene	16.69	278	867348	78.443	ng	#	95
91) Benzo(g,h,i)perylene	17.09	276	947243	83.408	ng		98

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

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