Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087302.D
Acq On : 23 May 2016 16:01
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 24 01:48:27 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

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	148091	20.00	ng		0.01
21) Naphthalene-d8	9.66	136	594640	20.00	ng		0.01
38) Acenaphthene-d10	12.48	164	261533	20.00	ng		0.00
63) Phenanthrene-d10	14.89	188	491055	20.00	ng		0.01
75) Chrysene-d12	18.57	240	346931	20.00	ng		0.01
86) Perylene-d12	20.23	264	284190	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1361784	154.13	ng		0.01
7) Phenol-d6	7.19	99	1789852	152.50	ng		0.02
23) Nitrobenzene-d5	8.56	82	1890356	157.18	ng		0.02
41) 2,4,6-Tribromophenol	13.79	330	405980	144.13	ng		0.01
44) 2-Fluorobiphenyl	11.44	172	2622730	163.22	ng		0.01
78) Terphenyl-d14	17.22	244	2626771	166.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	331959	73.89	ng	#	73
3) Pyridine	2.55	79	803840	74.84	ng	#	67
4) n-Nitrosodimethylamine	2.55	42	604163	78.87	ng	#	47
6) Aniline	7.13	93	1119818	74.49	ng		95
8) 2-Chlorophenol	7.31	128	794629	74.40	ng		96
10) Phenol	7.20	94	954776	66.90	ng		79
11) bis(2-Chloroethyl)ether	7.27	93	771167	69.20	ng		84
12) 1,3-Dichlorobenzene	7.52	146	842740	74.29	ng	#	93
13) 1,4-Dichlorobenzene	7.64	146	860579	73.90	ng	#	93
14) 1,2-Dichlorobenzene	7.88	146	793505	76.50	ng		98
15) Benzyl Alcohol	7.92	79	706694	80.83	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1657870	72.18	ng		86
17) 2-Methylphenol	8.14	107	643712	73.78	ng	#	89
18) Hexachloroethane	8.40	117	319662	72.17	ng		94
19) n-Nitroso-di-n-propylamine	8.36	70	677931	76.77	ng	#	78
20) 3+4-Methylphenols	8.40	107	800083	70.08	ng	#	58
22) Acetophenone	8.32	105	1128818	77.95	ng	#	98
24) Nitrobenzene	8.58	77	976719	75.60	ng		98
25) Isophorone	8.98	82	1674924	76.85	ng		98
26) 2-Nitrophenol	9.07	139	410436	75.72	ng	#	70
27) 2,4-Dimethylphenol	9.22	122	706108	76.64	ng		88
28) bis(2-Chloroethoxy)methane	9.35	93	941471	79.50	ng		98
29) 2,4-Dichlorophenol	9.48	162	625695	76.52	ng		97
30) 1,2,4-Trichlorobenzene	9.58	180	684176	75.16	ng		96
31) Naphthalene	9.69	128	2140556	73.24	ng		98
32) Benzoic acid	9.60	122	395878	74.52	ng	#	78
33) 4-Chloroaniline	9.84	127	794792	66.76	ng	#	94
34) Hexachlorobutadiene	9.90	225	418966	80.23	ng		99
35) Caprolactam	10.54	113	190428m	73.89	ng		
36) 4-Chloro-3-methylphenol	10.70	107	700623	71.58	ng		91
37) 2-Methylnaphthalene	10.81	142	1348472	72.09	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	643421	82.19	ng		99
40) Hexachlorocyclopentadiene	11.06	237	285765	117.75	ng		95
42) 2,4,6-Trichlorophenol	11.31	196	385448	77.67	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.39	196	394261	77.17	ng	#	90
45) 1,1'-Biphenyl	11.59	154	1533224	70.29	ng		95
46) 2-Chloronaphthalene	11.61	162	1278653	76.12	ng		98
47) 2-Nitroaniline	11.82	65	504741	79.70	ng	#	76
48) Acenaphthylene	12.26	152	1944688	75.22	ng		99
49) Dimethylphthalate	12.15	163	1615243	80.22	ng		100
50) 2,6-Dinitrotoluene	12.24	165	310589	72.69	ng	#	75
51) Acenaphthene	12.55	154	1198921	74.38	ng		99
52) 3-Nitroaniline	12.51	138	361214	78.07	ng		97
53) 2,4-Dinitrophenol	12.70	184	171533	81.55	ng	#	84
54) Dibenzofuran	12.83	168	1677449	80.00	ng		96
55) 4-Nitrophenol	12.88	139	192119	97.00	ng	#	63
56) 2,4-Dinitrotoluene	12.90	165	470512	84.55	ng		94
57) Fluorene	13.38	166	1381438	80.40	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.06	232	293208	73.37	ng		99
59) Diethylphthalate	13.29	149	1578316	83.07	ng		99
60) 4-Chlorophenyl-phenylether	13.41	204	698076	87.74	ng		99
61) 4-Nitroaniline	13.53	138	332144	73.66	ng	#	67
62) Azobenzene	13.67	77	1628372	74.42	ng		87
64) 4,6-Dinitro-2-methylphenol	13.57	198	264708	81.90	ng	#	52
65) n-Nitrosodiphenylamine	13.63	169	1201014	77.68	ng		100
66) 4-Bromophenyl-phenylether	14.19	248	397569	76.91	ng		97
67) Hexachlorobenzene	14.27	284	424976	73.55	ng	#	88
69) Pentachlorophenol	14.62	266	142463	68.55	ng		98
70) Phenanthrene	14.93	178	1985885	74.84	ng		99
71) Anthracene	15.02	178	2013309	73.40	ng		99
72) Carbazole	15.30	167	1781189	73.14	ng		99
73) Di-n-butylphthalate	15.86	149	2223986	77.96	ng	#	98
74) Fluoranthene	16.67	202	1849813	68.64	ng		97
77) Pyrene	16.98	202	1990823	79.63	ng		99
79) Butylbenzylphthalate	17.89	149	897066	84.48	ng	#	75
80) Benzo(a)anthracene	18.56	228	1541188	76.31	ng		99
81) 3,3'-Dichlorobenzidine	18.55	252	843270	67.33	ng	#	96
82) Chrysene	18.61	228	1421868	73.23	ng		98
83) Bis(2-ethylhexyl)phthalate	18.63	149	1332535	99.65	ng		99
84) Di-n-octyl phthalate	19.39	149	1911038	83.35	ng	#	81
85) Indeno(1,2,3-cd)pyrene	21.50	276	1291118	76.34	ng		95
87) Benzo(b)fluoranthene	19.83	252	1325571	68.29	ng	#	95
88) Benzo(k)fluoranthene	19.85	252	1219764m	89.82	ng		
89) Benzo(a)pyrene	20.17	252	1172578	74.75	ng	#	97
90) Dibenzo(a,h)anthracene	21.51	278	1075298	80.83	ng	#	95
91) Benzo(g,h,i)perylene	21.86	276	1098835	82.34	ng	#	93

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

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