Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091834.D
Acq On : 21 Dec 2016 14:32
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
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12/22/2016 7:11:15 PM

Quant Time: Dec 21 16:14:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 14:14:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	275973	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	1138263	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	568529	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	925136	20.00	ng		0.00
75) Chrysene-d12	13.91	240	605238	20.00	ng		0.00
86) Perylene-d12	15.30	264	554344	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1879272	114.09	ng		0.01
7) Phenol-d6	6.41	99	2206852	109.85	ng		0.00
23) Nitrobenzene-d5	7.33	82	2295988	116.32	ng		0.01
41) 2,4,6-Tribromophenol	10.58	330	517884	107.42	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	3288273	116.20	ng		0.00
78) Terphenyl-d14	12.87	244	2926212	122.08	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	468977	57.81	ng		98
3) Pyridine	2.99	79	1738974	66.54	ng		95
4) n-Nitrosodimethylamine	2.96	42	667954	66.04	ng		99
6) Aniline	6.42	93	1391952	53.85	ng	#	80
8) 2-Chlorophenol	6.54	128	1060112	58.47	ng		93
9) Benzaldehyde	6.29	77	572666	45.96	ng		94
10) Phenol	6.42	94	1164262	51.42	ng	#	76
11) bis(2-Chloroethyl)ether	6.50	93	1044785	57.77	ng		97
12) 1,3-Dichlorobenzene	6.69	146	1128109	56.65	ng	#	94
13) 1,4-Dichlorobenzene	6.77	146	1151740	57.17	ng		95
14) 1,2-Dichlorobenzene	6.92	146	888803	50.36	ng		96
15) Benzyl Alcohol	6.91	79	842837	54.19	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1505800	54.49	ng		64
17) 2-Methylphenol	7.02	107	838941	55.37	ng		95
18) Hexachloroethane	7.26	117	433701	57.94	ng		94
19) n-Nitroso-di-n-propylamine	7.18	70	698880	52.30	ng		98
20) 3+4-Methylphenols	7.18	107	900795	53.30	ng	#	85
22) Acetophenone	7.17	105	1448741	52.71	ng	#	98
24) Nitrobenzene	7.34	77	1044698	49.29	ng		98
25) Isophorone	7.60	82	2075431	55.11	ng		100
26) 2-Nitrophenol	7.66	139	612301	59.88	ng	#	75
27) 2,4-Dimethylphenol	7.71	122	944907	56.64	ng		100
28) bis(2-Chloroethoxy)methane	7.80	93	1273947	57.82	ng		99
29) 2,4-Dichlorophenol	7.90	162	765005	49.73	ng		88
30) 1,2,4-Trichlorobenzene	7.98	180	883627	53.00	ng		96
31) Naphthalene	8.06	128	2887610	53.10	ng		99
32) Benzoic acid	7.88	122	819196	68.91	ng		99
33) 4-Chloroaniline	8.12	127	1305510	56.99	ng		96
34) Hexachlorobutadiene	8.18	225	473999	50.56	ng		99
35) Caprolactam	8.52	113	286030	57.78	ng		98
36) 4-Chloro-3-methylphenol	8.61	107	901689	53.13	ng		99
37) 2-Methylnaphthalene	8.75	142	1686528	49.19	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	793124	55.97	ng		98
40) Hexachlorocyclopentadiene	8.91	237	372895	62.09	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	558385	55.15	ng		97
43) 2,4,5-Trichlorophenol	9.08	196	554402	55.73	ng		97
45) 1,1'-Biphenyl	9.22	154	2040266	50.07	ng		97
46) 2-Chloronaphthalene	9.24	162	1586182	52.09	ng		94
47) 2-Nitroaniline	9.34	65	662160	63.69	ng		95
48) Acenaphthylene	9.65	152	2354935	49.91	ng		100
49) Dimethylphthalate	9.53	163	1990730	53.61	ng		98
50) 2,6-Dinitrotoluene	9.58	165	454600	55.83	ng	#	66
51) Acenaphthene	9.82	154	1676410	51.77	ng		99
52) 3-Nitroaniline	9.76	138	504273	49.74	ng		98
53) 2,4-Dinitrophenol	9.86	184	266029	60.48	ng	#	57
55) 4-Nitrophenol	9.93	139	378138	53.71	ng		96
56) 2,4-Dinitrotoluene	10.00	165	584167	57.43	ng		94
57) Fluorene	10.34	166	1520392	50.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	452411	55.01	ng		98
59) Diethylphthalate	10.22	149	1915611	52.47	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	753858	55.33	ng	#	77
61) 4-Nitroaniline	10.37	138	529823	55.16	ng		100
62) Azobenzene	10.49	77	2117673	54.52	ng		98
64) 4,6-Dinitro-2-methylphenol	10.41	198	386692	63.38	ng		90
65) n-Nitrosodiphenylamine	10.45	169	1465228	51.00	ng		100
66) 4-Bromophenyl-phenylether	10.82	248	490323	50.54	ng		97
67) Hexachlorobenzene	10.89	284	529501	52.09	ng	#	91
68) Atrazine	10.99	200	463861	53.43	ng		96
69) Pentachlorophenol	11.08	266	295074	53.79	ng		99
70) Phenanthrene	11.30	178	2606557	56.39	ng		100
71) Anthracene	11.34	178	2421851	49.46	ng		99
72) Carbazole	11.51	167	2132685	49.81	ng		99
73) Di-n-butylphthalate	11.84	149	2673913	48.71	ng		100
74) Fluoranthene	12.48	202	2627227	54.42	ng		100
76) Benzidine	12.60	184	801315	45.99	ng		97
77) Pyrene	12.71	202	2500417	57.21	ng		99
79) Butylbenzylphthalate	13.33	149	1208146	59.06	ng		94
80) Benzo(a)anthracene	13.89	228	1856999	53.64	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	684980	49.45	ng		97
82) Chrysene	13.94	228	2044823	56.98	ng		100
83) Bis(2-ethylhexyl)phthalate	13.89	149	1330679	51.28	ng	#	99
84) Di-n-octyl phthalate	14.51	149	2516869	52.63	ng		98
85) Indeno(1,2,3-cd)pyrene	16.65	276	1686436	47.80	ng		99
87) Benzo(b)fluoranthene	14.91	252	1813846	51.60	ng		99
88) Benzo(k)fluoranthene	14.95	252	1685667m	68.35	ng		
89) Benzo(a)pyrene	15.24	252	1687894	55.95	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	1385733	52.69	ng		100
91) Benzo(g,h,i)perylene	17.05	276	1487001	55.64	ng		96

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

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